

CONNECTICUT INDUSTRY

MAY • 1961



FAPNIR'S FIRST FIFTY YEARS

Page 6

"DON'T HANG UP, CHARLIE, MY MACHINE WANTS TO TALK TO YOURS"

DATA-PHONE MAKES IT POSSIBLE Sounds like science fiction, doesn't it? — machines talking to each other! But it's happening right now, thanks to a remarkable new kind of telephone service.

HERE'S WHAT IT DOES: DATA-PHONE service enables machines to "talk" to each other over regular telephone lines. Data and text can be sent at high speeds from one machine to another. They can be across the street from each other or across the country • DATA-PHONE will work with a wide range of computers and business machines — handling punched cards, paper or magnetic tape • Where plants, warehouses, branches or offices of a business are located in different cities or states, DATA-PHONE provides a quick economical way of transmitting payroll, inventory, billing and other data • Transmission speeds can be varied to meet individual needs — up to 1,600 words a minute. (At this speed, a big supermarket's inventory of 7,000 items can be sent in about eight minutes.)

HERE'S HOW IT WORKS: Compact DATA-PHONE units are placed between the business machine and telephone at both the sending and receiving locations • A regular telephone call is placed from one telephone to the other. Then, with a flip of a switch, one machine begins to "talk" to the other • At the originating end, the DATA-PHONE unit receives facts and figures from the machine in the form of electrical "bits" of information. It converts the bits to tones suitable for transmission over the telephone line • The DATA-PHONE at the receiving end converts these tones back to the original electrical "bits" and feeds them into business machines, teletypewriters or other recording equipment • There is a small installation charge and a monthly rental for DATA-PHONE units. Aside from that, you are charged only what you would normally pay for a local or long distance call.

HOW YOU CAN FIND OUT MORE ABOUT DATA-PHONE: We are working closely with the manufacturers of business machines in providing this service. To find out how DATA-PHONE can serve you, call your telephone business office and ask for one of our Communications Consultants.

THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY



CONNECTICUT INDUSTRY

MAY • 1961

VOLUME 39 NUMBER 5



THIS MONTH'S front cover photo shows the front entrance to Fafnir Bearing Company's expanded Newington Plant on Willard Avenue.

In This Issue

Editorial	5
Fafnir's First Fifty Years	6
Metered Heat and Cooling by Hartford Gas Co.	9
Corset Machines Sew Up New Industry	10
The Corporation: Image and Identity	12
San Francisco Riots Part of Communist Pattern	14
Trained to Raise Hell in America	15
News Forum	19
Public Relations	35
How Would You Decide?	39
Accounting Hints	43
Business Tips	47
Business Pattern	51
Spotlight on the Future	55
Products and Services	57
Advertising Index	72

LESLIE M. BINGHAM Editor

OFFICERS

CARLYLE F. BARNES President
A. W. CAVEDON Vice President
JOHN W. DOUGLAS Vice President
JOHN COOLIDGE Treasurer
FREDRICK H. WATERHOUSE Exec. Vice President
L. M. BINGHAM Secretary

DIRECTORS

J. ARTHUR ATWOOD 3RD. Wauregan
JACK T. F. BITTER Hartford
LUCIUS S. ROWE New Haven
HAROLD LEEVER Waterbury
JOHN R. TOMLINSON Danbury
H. M. DAY Stamford
R. W. BISSONNETTE Stafford Springs
KENNETH E. STOBER Ledyard
JOHN B. BODEN Middletown
J. B. LOVE Willimantic
PAUL K. ROGERS, JR. New Britain
LYMAN C. THUNFORS Bridgeport
CRAIG D. MUNSON Meriden
R. T. DUNLAP Torrington
W. H. FIEWEGER New Milford
HENRY A. TRUSLOW Taftville
FREDERICK T. ALLEN Stamford
HARVEY L. SPAUNBURG Hartford
WILLIAM A. WARD, JR. Westbrook
PETER E. NAKTENIS Bolton
WILLIAM A. FLINT New Haven

ADMINISTRATIVE STAFF

FREDRICK H. WATERHOUSE Exec. Vice President
L. M. BINGHAM Sec. and Dir. of Development
ARTHUR L. WOODS Insurance Manager
CHARLES H. SCHREYER Attorney
JOHN D. HUBBARD Field Representative
JOHN B. HEDGES Traffic and Export Mgr.
CHARLES E. REICHE Public Relations Director
LEON L. LEMAIRE Attorney

DEPARTMENTAL STAFF

RUTH J. SKOGLUND
KATHERINE M. EDGERTON
MILDRED H. FORSELL
FLORENCE E. KRUK
MARGARET M. MOORE
FRANCES W. WILKINSON
MARION E. ROBINSON
CHARLENE D. KAESER
JEANNE B. CALVERT
PATRICIA A. CASELLA
LIANNE E. BEEBE
VINCENT D. CASTAGNO

Published monthly by the Manufacturers Association of Connecticut, Inc., with executive offices at 928 Farmington Avenue, West Hartford, Connecticut. Second class postage paid at Hartford, Conn. As the official magazine of the Manufacturers Association of Connecticut, Inc., it carries authoritative articles and notices concerning the Association activities. In all other respects the Association is not responsible for the contents nor for the opinion of its writers. Subscription rates: one year \$3.00; 30c a copy. Subscribers should notify publisher promptly of changes in address. Advertising rates on application.

PROFIT-UNIT PURCHASING—

**A new method that builds profit
right into *every part* you manufacture**

ONE CODE-NUMBER ORDERS ALL PARTS

In essence, this is the concept.

You order, by *ONE simple code number*, all the bar, rod and/or sheet sizes needed for a *complete production unit* . . . which Hawkridge will have previously cut, prepared, wrapped, labeled by part number and placed in inventory!

ONE UNIT ALWAYS READY FOR SHIPMENT

Hawkridge sales engineers, working closely with your purchasing and production executives will analyze your needs in order to develop and maintain coded lists of each individual part by number, quantity and dimension. We maintain a "revolving" inventory of these parts. Upon shipment of order, we repeat the process to prepare another "production unit package" against your future needs!

FOR EXAMPLE . . .

Using this modern new Hawkridge Profit-Unit Purchasing method one customer orders 11,000 cut-to-length, ready to use steel bars in 43 different dimensions . . . by phone, in less than 30 seconds! Because the complete "package" is already prepared in our warehouse, the order is delivered in hours.

PROFIT . . . BUILT INTO EACH PART, 5 WAYS

You profit by a lower cost at the point of use. Planned purchasing builds systematic savings. You actually build profitability into individual *parts* as well as in completed production units.

You eliminate "cost of possession" because Hawkridge maintains your inventory without extra charge.

All bars, rods and sheets are accurately cut to specified tolerances by experts. This greatly reduces your machining, time and labor costs, while it avoids odd-length inventory, eliminates unnecessary waste.

Remember, each individual piece of each production unit is *labeled for the operation for which it is required*. On delivery these individual parts can be easily and quickly routed to the department or machine where they will be used.

One order, one invoice. Purchasing time is reduced, clerical labor cut to the bare minimum.

**FOR COMPLETE DETAILS
AND ANALYSIS, CALL YOUR
NEAREST HAWK
HEADQUARTERS TODAY!**

The latest example of:

"Keeping New England Industry Supplied Faster With Higher
Quality at Lower Cost For Over 75 Years."

HAWKRIDGE BROTHERS
COMPANY
SERVICE Center for Metals

BOSTON, MASSACHUSETTS • WATERBURY, CONNECTICUT





An ill boiler blows no one good. When it blows, your entire business can go with it, unless you're under The Travelers umbrella of insurance protection with *enough* Boiler and Machinery Insurance. Enough to pay for *all* the loss—not only the boiler, but damage to your other property, loss

in income due to the interruption of your business, even liability claims. Surprisingly enough, comprehensive protection from The Travelers costs you little more than you may be paying now for inadequate coverage. Get details from your Travelers man. See him for any type of business insurance.

THE TRAVELERS Insurance Companies HARTFORD 15,
CONNECTICUT

FUSTEST with the MOSTEST

Many Southerners would deny that General Forrest spoke thus quaintly in explaining his record of Confederate victories. Be that as it may, the words give vivid expression to the aim and accomplishment of



T.A.D. JONES SERVICE

since 1925—speeding quality fuels at proper prices to the mills, factories and utilities of Southern New England.

QUICK DELIVERY of quality BUNKER "C" OIL,
Pennsylvania & West Virginia BITUMINOUS COAL
by barge, rail or truck
throughout Connecticut and Western Massachusetts

T. A. D. JONES & CO. INC.

NEW HAVEN: UNIVERSITY 5-6103 • BRIDGEPORT: EDISON 3-3123
24-HOUR SERVICE

Something Constructive

♦ WHY doesn't "so and so" say or do "something constructive"? This is a familiar conversation piece, albeit slightly shopworn. This "so and so" may be a writer or an editor on the staff of a widely read newspaper who is being asked to "beat the drums" for a particular program someone views as constructive, or a politician, business association or other organization with considerable prestige who are being urged to promote some allegedly worthy cause or project.

Some have advanced the idea that in world government lies the only hope for peace and happiness. So, the United World Federalists organization comes into being to urge that we give up our sovereign rights to a world order in which we would be outvoted by nations who want our material riches, but who either fail to understand how we got them, or refuse to adopt the type of governmental or economic system which will permit them to produce similar riches for themselves.

Others seem to feel certain that nuclear disarmament would go a long way toward assuring world peace. So, along comes an organizer to set up the Sane Nuclear Policy Committee (with no small encouragement from Moscow) that hopes to bring about the destruction of our nuclear weapons while trusting worthless Russian promises to destroy their nuclear potential—thus leaving the western world virtually defenseless against Asian hordes armed with conventional weapons as good and, in some instances, better than our own.

Then there are those who feel that we must reform our monetary system before we can enjoy a healthy economic and social order. Still others would cure our ills by substituting a single tax on privilege for present taxes. And most idealistic of all are the pacifists who would bring the ultimate in human happiness by abolishing war.

Unquestionably, all of these reforms contain something good to commend them, but their Achilles heel lies in the fallibility of men. The lesson of history is that those who hold the power to effect such reforms are lacking in some or all of the necessary three ingredients—good will, intelligence and selflessness. Even though some parties to such agreements as would be necessary may have the character ingredients to make such reforms effective, they are lacking in others.

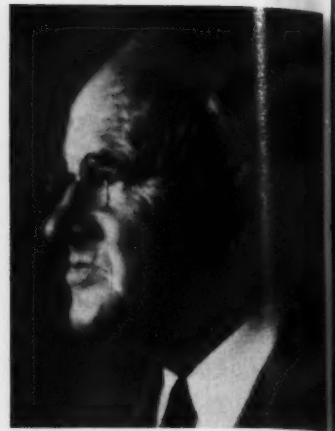
The history of government lends ample proof to the thesis that power exerted by government is misused for the self-interest of those holding the reins of government rather than for the benefit of the people they rule. The founders of our republic understood this bleak record of the past. Fearful that it might be repeated they set up a government with built-in checks and balances which they devoutly hoped would prevent the flagrant exercise of dictatorial powers in the United States. Their fears were dramatically illustrated by George Washington when he said, "Government is like a fire. Like fire, it is a dangerous servant and fearful master."

Because the record is clear that political power is not to be trusted, it is logical to believe that the most "constructive" idea today, as always, is for an individual to put trust in himself rather than in power. He should seek to improve his understanding and elevate his values. He should assume responsibility for his own behaviour rather than shift his responsibility to committees, organizations or the state, as too many people of all ages have done. By acting as intelligent and responsible persons such reforms as are necessary will take place.

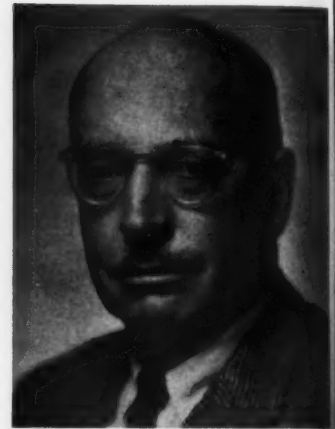
A stream cannot rise higher than its source, nor can a society. Only a good society can exist when its elements are good men.



This representative display of Fafnir products indicates the diversity of types and sizes which enables Fafnir to advertise the most complete line of ball bearings in America. Fafnir's Newington plant is shown below.



Howard S. Hart, whose vision and enterprise sparked the birth of the company, was Fafnir's first president, serving from 1911 to 1919.



Stanley M. Cooper, son of co-founder, E. H. Cooper, served as president from 1940 to 1956 before stepping up to chairman of the board.





Elisha H. Cooper, co-founder and first general manager. He later served as president and then chairman of the board from 1919 to 1947.



Clarence G. Rosensweig joined Fafnir in 1917, became president in 1956 and vice chairman of the board in April, 1961.



Main plant as it appears today in New Britain. Approximately half of the company's 5,000 employees work here.

FAFNIR'S FIRST FIFTY YEARS

Editor's Note—At the annual directors meeting, just before press time, Keith T. Middleton, formerly executive vice president, was elected Fafnir's sixth president. Clarence G. Rosensweig, pictured here, was named vice chairman of the board.

■ The Fafnir Bearing Company of New Britain, Conn., the nation's largest independent manufacturer of anti-friction ball bearings, celebrates this year the 50th anniversary of its founding.

Its products are used in every industry where a wheel, motor, spindle or instrument rotates or turns. Every jet aircraft, virtually every missile or space vehicle throughout the world, outside the Iron Curtain, finds Fafnir bearings performing a critical function in its operation.

On the company's Golden anniversary it seems timely to review the history and progress which constitute the record of Fafnir's rise to leadership in the vital bearing industry.

From Car Production to Bearings

Shortly after the turn of this cen-

tury, an enterprising Connecticut industrialist balked at the cost of European ball bearings for the Corbin car, then manufactured by his firm, the American Hardware Corporation. His name was Howard S. Hart. It was then that he conceived the idea of making good American ball bearings. Although the Corbin car soon passed out of existence, Mr. Hart, together with a partner, Norman P. Cooley, was also co-founder and president of the firm of Hart & Cooley which manufactured warm air registers.

Under Mr. Hart's leadership early research and experiments with bearings were carried on by Hart & Cooley in a corner of their own plant. In February, 1911, a separate company was formed and given the name "Fafnir", taken from the magician-turned-dragon of the ancient Norse legends on which Richard Wagner based his opera, "Siegfried".

Elisha H. Cooper, previously manager of a woolen mill, was selected by Mr. Hart to become general manager, later becoming president and chairman of the board. From that time until his death 36 years later, Mr. Cooper's life was devoted to Fafnir. In his memoirs, Mr. Cooper tells how he raised one half of the original capital of \$100,000 that enabled the company to get under way.

Growth from 150 to 150,000 Bearings Per Day

The new corporation's first plans called for sufficient men and equipment to produce 100 to 150 completed ball bearings a day. In contrast, today's output during a normal work week may average 150,000 bearings a day. Seven men made up the company's work force at the outset as compared with



Part of the Machining Division at the Newington plant. Here batteries of automatic screw machines perform the first step in the manufacturing process as they cut and machine rough rings from long pieces of steel tubing.



Part of the grinding area where inner and outer rings are ground to extremely close tolerances.



The Inspection Department in the Instrument Bearing Division is one of the company's most modern installations. In this ultra clean room employees are using torque testers to check tiny instrument bearings.

nearly 5,000 today. From the original factory which replaced the Hart & Cooley plant on Booth Street, New Britain, the company now has eight manufacturing centers, including two in England. A new plant, incorporating all of the latest production facilities—some of them unique with Fafnir—has recently been built in Newington, Conn., where ample room for further expansion exists.

Diversification

In the beginning, Fafnir's output included only a limited line of medium-size ball bearings, but the range has been so increased that for years the company has been producing what is believed to be the most complete line of ball bearing types and sizes in America. They range in over-all size from small ones having the outside diameter of a pencil with balls about the size of a barrel head with balls as large as tennis balls. A roster of companies which regularly install Fafnir bearings in their products would be heavily studded with the names of the nation's foremost industrial concerns.

The breadth of the company's line of products ties in closely with one of the guiding policies behind the Fafnir management philosophy. This policy may be summed up in the word "diversification". Fafnir has chosen to seek its business in many and varied industries using anti-friction bearings, with the result that it has enjoyed greater than average stability, for when one segment of the market is in a slump, it generally happens that others are busy.

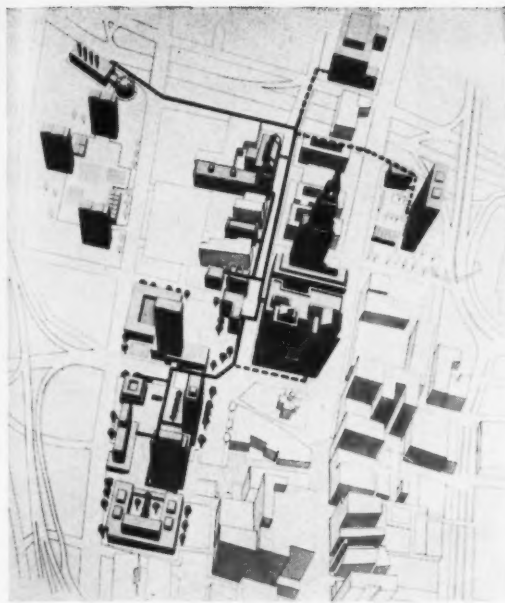
From its first day, Fafnir has aimed at producing only high quality bearings for applications where long and free-from-care life of the bearing is essential. For this reason, nearly one-fourth of the entire employee force is made up of inspectors. It has been computed that inspection of the balls that go into Fafnir bearings costs more than the actual manufacture itself.

All Fafnir manufacturing processes are conducted to extremely close tolerances. Today's miniature bearings, with bores of less than $\frac{1}{8}$ ", must achieve tolerances below 50 millionths of an inch, utilizing processes and machines of microscopic accuracy in both production and testing stages.

Enviably War Production Record

The nation has found Fafnir's development of ball bearing manufacture to be of inestimable benefit during two world wars and in the Korean conflict. In the first World War, with

(Continued on page 44)



Aerial perspective of downtown Hartford shows proposed route of pipeline through which the Hartford Gas Company will supply cooling and heating service from its new plant in the Southeast section of the city. The Connecticut River is at far left and Constitution Plaza, the city's new redevelopment project, is the dark complex of buildings at lower left.

Metered Heat and Cooling by Hartford Gas Co.

■ SOMETHING new to add to the convenience of the business community in redeveloped downtown Hartford and to increase the revenues of The Hartford Gas Co. will become reality when that company completes its \$3 million plant and the laying of some two miles of steam and chilled water pipe lines which will furnish both heating and cooling facilities to downtown Hartford buildings. The new plant and pipe lines, scheduled for completion in 1962, will first furnish heating and cooling service to the buildings being erected in Constitution Plaza and to other new and existing buildings in the area, which will include each of the following new buildings as completed: WTIC Broadcast House, The Hartford National Bank & Trust Co., The Connecticut Bank & Trust Co., The Phoenix Mutual Life Insurance Co., a 250 room hotel of the Hotel Corporation of America, and a shopping center. In addition, the present Travelers Insurance Company buildings and the Hartford Steam Boiler Insurance Co., will be served as soon as the Hartford Gas Company's new facility is completed next year.

Initially, the new facilities now being built in the southeast section of the city facing the Whitehead Highway, will consist of two buildings connected by a passway. One, a circular building, will house the company's offices, dispatch center and control room. The other building will contain

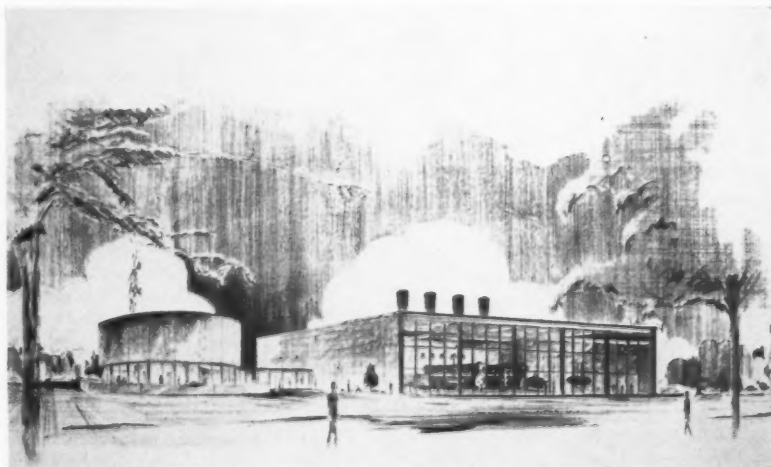
the boilers and refrigeration equipment needed to supply chilled water for cooling and steam for heating.

Initially, the cooling equipment will consist of one centrifugal refrigerating machine with a cooling capacity of 3,000 tons, two smaller centrifugals with capacities of 1,500 tons each, and a 500 ton absorption unit for a total of 6,500 tons. These machines will be driven by steam turbines. The boilers will have a steam capacity of 150,000

pounds per hour, or the equivalent of 4,500 boiler horsepower.

From this plant will be run two sets of pipelines consisting of supply and return lines for chilled water, and supply and return lines to carry steam. Both the supply and return lines for chilled water will be 24 inches in diameter. The steam supply line will be 12-inch piping and the return line will be five inches in diameter. All lines will be

(Continued on page 40)



Projected new plant of the Hartford Gas Company to house cooling and heating equipment. Initially the building will contain three Carrier Air Conditioning Company steam-turbine-driven centrifugal refrigerating machines with a total of 6,000 tons of cooling capacity and steam boilers with a capacity of 150,000 pounds per hour. Chilled water from the refrigerating machines and the steam will be piped more than a half mile to give utility-furnished air conditioning service to Constitution Plaza and other buildings in the area.



Corset sewing machines are busily sewing up a new industry at Flexible Tubing Corporation's main plant in Guilford. The rugged machines, designed to sew stays in milady's foundation garments, proved ideal to sew fabric to a supporting wire helix used in flexible tubing.



Flexible tubing is made with synthetic rubber-core materials. Depending upon its covering, the tubing can be used with gases, acids, liquids and granular and powdered solids.

CORSET MACHINES SEW UP NEW INDUSTRY

■ RUGGED sewing machines, originally developed to manufacture corsets, are whirring away in a busy factory in Guilford whose rapid expansion is pacing the rise of a whole new industry. Designed to sew metal stays and cloth together for milady's foundation garments, the sewing machines are now producing flexible tubing used to carry air in and out of offices, factories, mines and countless other areas.

Growth from Problem Solution

Guilford's Flexible Tubing Corporation grew out of an ingenious solution to a serious World War II naval problem. The Navy needed to move fresh air into and foul air out of odd corners aboard ships. The solution was long ducts of fabric and wire which could be quickly snaked around the complex piping found aboard ship, and

retracted for compact shipboard storage.

Similar long flexible tentacles are now doing many jobs. Besides the original patented Spiratube, the Flexible Tubing Corporation now manufactures tubing with rubber, plastic, fiber glass, cotton and Teflon coverings over a spring steel wire helix. They are found bringing fresh air down into utility manholes, sucking dust and fumes out of factories, carrying liquid fuels to rockets, and helping vacuum offices, hotels, and homes. The uses of flexible tubing are unlimited.

Largely credited with being the founder of the industry, Frederick K. Daggett, president of the Flexible Tubing Corporation, has expanded his company's line, so that it now makes hundreds of types of flexible tubing products which are used in virtually

every industry. According to Mr. Daggett, "Development of super-tough combinations of plastic and fabric have led to the acceptance of flexible tubing as a permanent construction material equal in strength to rigid materials. Obvious savings result from the ease of handling and coupling the lightweight products."

As industries find new uses, the number of products made of flexible tubing increases. Sales for the first half of 1960 set a new record of \$2,128,254. This was an increase of approximately 26 per cent over last year's sales for the same period. Second-half volume normally exceeds the first half.

Flexible Tubing—A Stimulant For New Products

The flexible tubing industry is making possible a whole gamut of new



Destined for Air Force and other uses, lengths of flexible ducting await final operations.



Long, white, slinky lengths of flexible air ducts made by Flexible will be used to ventilate home laundry dryers.

products. A flexible ductwork that makes movement of the air conditioning diffusers a simple process is important to the new "modular" system of movable inside walls. Streets are being cleaned with enormous vacuum cleaners equipped with the tough fabric walled tubing.

Factories and mines are being ventilated with large flexible ducts which can be retracted to 1/20th of their potential length when they must be moved. Much flexible tubing is seen at airport terminals on supporting aircraft, cabin-heating and engine-heating devices.

Even liquids and light materials are being piped through flexible ducts. When Chicago Electric utility crews had trouble handling heavy hoses used to drain deep manholes, they tried the lightweight flexible tubing instead. The result: The manholes were drained, and the work load lessened. Cement, grain, face powder, and many other light solids are being carried through flexible tubes.

Marketing Procedures

The uses of flexible tubing have become so varied that the company separated its sales divisions by five principal markets. A "home laundry" division, for example, sells the company's Flex-Vent kit to vent home dryers. The "original equipment" di-

(Continued on page 49)



Fitting special end pieces to tubing for air conditioning calls for skilled hands.

The Corporation: Image and Identity

By KENNETH VAN DYCK, A.S.I.D., President
Van Dyck Associates, Inc., Westport, Conn.

■ CORPORATIONS, like people, have individual traits. And, like people, they are judged by appearance and actions. In truth, a corporation is people working together. We recognize certain people as outstanding through impressions we receive from their dress, their speech, their thoughts. All these impressions combine to cause recognition of an individual as outstanding.

Elements of the Image

When we apply this to corporations, the impressions they give us come from how they look, what they say, how they say it. Their characteristics are exhibited by their advertising, trademarks, stationery, products, even their trucks on the highway. These expressions combine to make up the "corporate look"—their "corporate identity". The better these expressions are, the more harmonious, compatible, and coordinated they are. The more harmonious, compatible and coordinated they are, the more impressive the corporate look will be, and the higher will be the general public estimate of the corporation and the acceptance of its products.

All this is quite obvious and needs no proof. The important question, not so easily answered, is—how is a high-grade corporate identity established? The first requirement is good appearance—not only of their products, but of all things connected with the corporation, from trademarks and letterheads to the painting of trucks and chimneys. However, much more than mere beauty of design is required. There must be harmonious co-



KENNETH VAN DYCK

ordination of beauty with appropriateness to the product. There must be an understanding of customer attitudes, an impression of quality and "rightness" in every aspect of the company and its products which the public sees.

This coordination, the acquisition of effective harmony among so many diverse elements, is what the industrial designer is trained to supply. More than art, more than good graphic presentation, industrial design adds to these elements coordination, unity, harmony, and the customer's viewpoint. When this is done, the final composite will have maximum power to influence the recognition and acceptance of the company and its products.

Every company has the problem of making itself favorably known, and can benefit from the best presentation of everything about it that the public sees. Sometimes a company has special circumstances which make its need for

good presentation more critical and the advantage to be had from good presentation particularly great. One such circumstance is that of a new company, coming upon the scene with no previous acceptance whatever.

Another circumstance is the merger of two or more established companies. In this case, the problem is to retain the individualities of the separate companies, and at the same time to make clear the family relationship, thereby strengthening the impression made by each member of the family. When a parent company combines several diversified companies and products, a particularly good possibility is presented for exhibiting broad capabilities, effective organization, alertness and good public service.

Role of the Designer

The industrial designer, experienced in the factors of appearance, production problems, advertising methods, graphic arts, and consumer viewpoints, is able to select and present those visual aspects of a corporation and its products which produce the best and most convincing image of the corporate entity.

Some examples may serve to illustrate these possibilities, with particular reference to the very important item of trademark symbols. Symbols are especially important because they are the sharp focus of public recognition and must meet several critical requirements to be acceptable. Also they must be "right" in the beginning as symbols cannot be changed after first introduction, without complete loss of the effort and cost which was expended on them.



The new corporate symbol introduced by EDWARDS COMPANY, Inc., the nation's oldest and largest producer of electrical signalling control, communications and protection equipment was officially introduced on January 2, 1961.



The new symbol consisting of a bold letter "E" centered within an inverted triangular shield will be used in two versions: the symbol plus the underlined word "Edwards" in an extended horizontal format: A vertical version with the symbol centered, one letter height above the word "Edwards".

The symbol itself is a vital example of how the tradition and stability behind a company eighty-nine years old can be graphically shown while symbolizing the company's progress and leadership in today's expanding and changing markets through the modern, fluid shape of the shield and the clear, decisive "E" in the center. The lettering further carries out the feeling of modernity and progress.

The new designs will appear on each of Edwards 2500 consumer, industrial and institutional products, as well as on the company's business forms and packages and in its advertising and promotional materials.



The loud-speaker like symbol above was made for BOZAK, Inc., of Norwalk, Connecticut, one of the country's leading manufacturers of High-Fidelity loudspeakers. The new symbol broadcasts the message of quality and

precision for this well-established manufacturer. This symbol is now used in all company communications—advertising, catalogs and other printed matter—to say to the public that BOZAK means faithful reproduction of fine music.

A new company establishes a recognized personality most quickly when its new symbol or trademark is used as widely as possible—in all its communications. The symbol below was developed for DATA CONTROL SYSTEMS, INC., of Danbury, Connecticut, an organization which manufactures products and sponsors research in four areas: measurement, computation, telemetry and data control. It is a pioneer in the development of airborne closed circuit control instruments. What this company wants to say about itself is expressed in this symbol, which suggests closed circuit control, movement in space and scientific research. The symbol, in a color scheme of black and blue, is now used on all stationery, literature, buildings and instruments.



A special advantage in a planned corporate personality program adoption arises when a company has earned a high reputation for quality of its products and enlarges by combination with other companies and their various products. The parent company should spread an umbrella over its family products. The characteristics of several fine companies should be blended with the personality of the parent company. A proper symbol can impress on the public mind a picture of a powerful, far-reaching organization whose reputation for quality and broad abilities produces added incentive for buying each single product, machine, instrument or service.

Recently such a program was conducted for FARREL-BIRMINGHAM COMPANY, INC., a corporation with lines of products in many fields. Management of the corporation wished to see FARREL associated with all

their various product lines, each of which had been known independently for years as Watson-Stillman, Newton, Sellers, Betts and other names acquired through previous acquisitions and mergers. For many years these various companies had not appeared to the casual observer to have any association with the parent company. Now, however, the corporation has been unified across many business fronts, by adoption of a planned program which treats color, appearance details, emblem plates and numerous other matters. A few of the Farrel emblems are shown below.



The symbol, or mark is the focal point of every program. Countless items can and should be joined to it. Letterheads, calling cards, nameplates, advertisements, booklets, products, building signs, and many other things, should be related to it. However, it is not sufficient merely to affix the symbol, no matter how excellent, by itself, to the wide range of necessary applications. Pinning identical badges on a crowd of civilians does not make an impressive army. An effective "corporate look" requires coordinated, aesthetic, consistent and persistent treatment of all the previously mentioned material items—and of some more abstract things, such as typography, design motifs, standardized colors.

Market research has confirmed the importance of the "corporate look". A good corporate look is a potent selling influence, probably more powerful than ordinary advertising and promotion. However, it cannot be obtained instantaneously, but must be built up by sound, careful, consistent attention to many things.

Industrial Design can contribute to this process, not merely by assistance in creation of the products themselves, but by doing those other things which make it easier for customers to recognize and to think well of the creator of the products.

San Francisco Riots Part of Communist Pattern

By DR. N. BURNETT MAGRUDER, *Executive Secretary*

Louisville Council of Churches

Louisville, Kentucky

EDITOR'S NOTE. As promised in Dr. Magruder's article in the April issue of C.I., this sixth article in a series, depicting the threats of collectivism and Red tyranny (misnamed communism for propaganda purposes), tells of the frantic efforts of the Communist Party, U.S.A., working through fellow travelers and non-Communist sympathizers among reputable organizations and individuals, to destroy the House Committee on Un-American Activities, to weaken the F.B.I., to discredit its director, J. Edgar Hoover, and to render sterile the few remaining security laws of the country that have not been nullified by decisions of the Supreme Court of the United States in recent years. Readers interested in learning the extent of the destruction of our security against criminals may do so by reading a small book entitled "Nine Men Against America" by Rosalie Gordon, which, if not available at local libraries or bookstores, may be purchased for \$3.00 through Devin-Adair Co., 23 E. 26th St., New York, N.Y.



DR. N. BURNETT MAGRUDER

Another parable put He forth unto them, saying, "The kingdom of heaven is likened unto a man which sowed good seed in his field. But while men slept, his enemy came and sowed tares among the wheat, and went his way. But when the blade was sprung up, and brought forth fruit, then appeared the tares also. So the servants of the householder came and said unto him, 'Sir, didst not thou sow good seed in thy field? From whence then hath it tares?' He said unto them, 'An enemy hath done this.'"

(Matthew 13:24-28)

* * *

■ WHEN America awoke on the morning of May 5, 1960 after the riots in San Francisco during the hearings of the House Un-American Activities Committee, it was something of a shock to see what had transpired on American soil under the aegis of the laws of the United States Republic.

In the words of Mr. J. Edgar Hoover, "Looking at the riots and chaos Communists have created in other countries, many Americans point to the strength of our Nation and say, 'It can't happen here.' The Communist success in San Francisco in May, 1960 proves that it can happen here."

What did happen during those days has been (happily for us) put down in film narrative with terrific impact. The film is *Operation Abolition*.

Attack Hoover

"Operation Abolition"—this is what the Communists call their drive to destroy the House Committee, to weaken the Federal Bureau of Investigation, to discredit its great Director, J. Edgar Hoover and to render sterile the security laws of our government. Thus far the goal of breaking down the operation of the HUAC has failed as was seen in the recent vote by the House of Representatives to renew the full appropriations during the coming session for further investigations.

But this action must not lull us into complacency. This is only a temporary gain. Continued vigilance is very necessary.

The real question with which we are concerned in this article is the matter of the riots themselves and their background. What is happening across the nation that this sort of thing can take place? What kind of alien tares are growing in the soil of the nation that can have such disastrous consequences?

Seek to Discredit

One insight we can draw from these experiences is the word of Christ in His parable: "*An Enemy Hath Done This.*" The young people themselves were not the enemy. But they were deceived by subversive influences.

Some liberal and leftwing sources have waged a campaign of considerable proportions to discredit this film and to dispute the thesis that Communists actually provoked the riots.

The disorders, in their words, were spontaneous and the defiance of law and order was actually, they say, as much the fault of the police as of the students who were disrupting the hearings. This is strange logic and reasoning! This is to say that the Subcommittee which was conducting the hearings was as much at fault as the known Communists who disrupted the proceedings.

That "an enemy hath done this" is abundantly clear from studies which J. Edgar Hoover made into the strategy of the Communist Party in its campaign to penetrate the college campus and the youth movements of America. "It has long been a basic tenet of Communist strategy to control for its own evil purposes the explosive force which youth represents. In the relentless struggle for world domination being waged by them, the Communists are dedicated to the Leninist principle that 'youth will decide the issue of the entire struggle—both the student youth and, still more, the working-class youth.'"

This is the very heart of the enemy's operation in the realm of ideas. How-

(Continued on page 56)

TRAINED to Raise Hell in America

By JUNIUS B. WOOD

EDITOR'S NOTE. This article, originally published in the April, 1947 issue of *NATION'S BUSINESS*, publication of the Chamber of Commerce of the United States, was originally released for reprinting in *CONNECTICUT INDUSTRY* in either its June or July, 1947 issues. Although the then editor of *NATION'S BUSINESS* reported that the facts contained in the article had been authenticated by the State Department, it was felt that the statements in the article were too shocking for reader acceptance at the time, and hence the article was not published. Now that readers have had fourteen years to condition their minds to the movements of the Red iceberg, C.I. now presents the ugly truths about some of the weapons our sworn enemy has been perfecting for many years "to bury us," providing the appropriate time ever comes to give reasonable assurance for the success of the type of burial referred to in this article. An awareness of our inherent strengths combined with knowledge of the enemy's weaknesses and a truly zealous effort on the part of Americans, can avert this disaster, and even bury the enemy's weapons, now being used so effectively in its war to "rule the world."

■ **ATTENTION** ambitious young men and women! A well-established and liberally endowed university offers you free courses in factory sabotage, bomb making, kidnapping, train wrecking, bank robbery, fomenting armed mutiny—and other techniques of violence and treason.

Scholarships cover all expenses, including recreation and annual vacations at summer resorts.

This university is the West Point of world revolution.

That it exists is surprising. That it is sanctioned and supported, according to its graduates, by a recognized government is more amazing.

Other state-supported schools educate their youth to become better citizens. This university teaches youth of other lands to go back home and wreck their countries.

Over the years it has trained and returned to the United States an estimated 800 disloyal Americans. They are the leaven of some 50,000 Communists and 100,000 pinkos in our land; they are the high officers of a secret army now being drilled to overthrow our Government and social order.

Most startling of all, from an American point of view, is the diplomatic amiability which bolsters and bows to a government that is diligently working to wreck our institutions.

This university is the International Lenin School in Moscow. Conspiracy and secrecy are the essence of all it teaches. Outside of top levels in the

Communist party and in the Soviet Government, few even in Moscow know of its existence.

It is behind a stucco-covered brick wall, high enough to baffle prying eyes. It is on the left side of Vorovskaya Ulitsa (street), a few blocks beyond Arbat Ploshad (square of the telegas). Oldtimers, before adopting names of Communist heroes became the vogue, knew the thoroughfare as Povarskaya Ulitsa (Cook Street). Even earlier, in 1613, Arbat Ploshad was where a Russian volunteer army under Prince Pozharsky and a Nishni Novogorod (now Gorki) tradesman broke through the defenses of the White city and drove the Polish invaders from the Kremlin.

In olden days this was the genteel neighborhood of court attendants. Later, the aristocracy found it convenient for extramarital ventures. Now it is dotted with diplomatic offices and homes. Students can look across the street from dormitory windows at the former British mission building, now a consulate, at the one-time German embassy and the official abodes of other capitalist countries.

The present site of higher education in bank robbery—rechristened "revolutionary self-help"—and kindred arts was once the quiet love nest of a Russian prince. His lady friend's little palace in the spacious grounds has been remodeled into the students' auditorium, classrooms and dormitories. It faces a plain unnumbered gate in the wall guarded 24 hours a day by a Red sentry so none may enter without a

Communist identification card.

More buildings were needed for the growing school. Overlooking the wall is a structure in modern Soviet architecture with classrooms on the lower floors and sleeping quarters on the others. Back of the modest palace is a building for political police and secret paraphernalia, to which even students do not have free entrance. In the rear of the school building is a larger one with halls for demonstrations in street fighting and other activities. A smaller administration building is near the center of the campus still leaving ample space for outdoor exercises away from inquisitive eyes.

Siberia Awaits The Curious

Native Russians have learned that the reward for curiosity may be an extended visit to Siberia or an appearance before a firing squad. Patrons of the school admit that the Japanese did photograph the establishment and from within the compound. This was considered an act of treachery (the two countries being friends at the time) which was not discovered until a Soviet spy fraternally stole a copy from Japan's secret files.

When a stranger asks any Muscovite in the know about the Lenin School, the prearranged reply always is:

"It's up Pverskaya Ulitsa, off the square with the Moscow Soviet Building," meaning the city hall. This college with so similar a name is the Lenin Institute. Its field is scholarly and theoretical, shouldering the big task of compiling biographies of Marx and Lenin which will account for their acts during every day and hour of their lives.

The International Lenin School started with Nikolai Bucharin, party doctrinarian, as its first director. Lenin passed into posthumous fame, and Bucharin did not survive the Stalin purges, but the school grew. War temporarily interrupted plans for expansion as well as the flow of students from other countries.

The school has a permanent faculty, mostly from the Academy of Red Professors, and a director, at one time a woman. Highlights of the Soviet hierarchy, past and present—Stalin, Trotsky, Kuusinen, Molotov, Manuilsky, Yaroslavsky, Lazovsky, Budenny and others—serve as guest lecturers.

Students are immediately inducted into the air of conspiracy in which these veterans have lived. With matriculation, each student takes a revolutionary or party name by which he will be known in Communist circles and outside activities. Mark Aldanov in "The Fifth Seal" tells of a party worker who had so many aliases that he forgot his baptismal name.

Even party workers not in the top Holy of Holies speculate over the identity of Josef Broz Tito, belligerent dictator of Yugoslavia. They explain that Tito is a party label from "Third International Terrorist Organization," the initials being the same in Slavic and English. They surmise from his photographs that Tito may be Rudolph Baker, a promising American student of Slav ancestry who was detailed to district organizing after his return to the United States and then mysteriously disappeared.

Dual names as party labels are not limited to students. The oldtimers needed them as revolutionists, and aliases are now a stylish party custom. Among the emissaries sent by Moscow to run party affairs in the United States, the Hungarian Pogany was "John Pepper" and "Schwartz"; the late Gussev was "P. Green"; Alpi was "Fred Brown," and the Finn Sirola was plain "Miller."

With his rebirth under a new name, the student gets more instructions in life behavior. He must blindly obey every order. He must associate outside with the unfaithful but not disclose that he is a Communist, must not dress or act conspicuously, be photographed, answer questions or become talkative from drinking. If positively identified as a Communist, he shall frankly admit it but under no circumstances, even if it means imprisonment or death, disclose anything about the party.

Warned Against U.S. Contacts

The first business of any meeting, even casually on the street, is to agree on a fictitious story of what is being discussed to avoid disclosing the truth if interrupted later. Students should not recognize each other off the campus or cultivate fellow countrymen, Americans being warned particularly against American engineers, newspapermen, tourists and government employees in Moscow.

The freshman student is already familiar with some tricks of deception. In the United States, he got a passport on the pretext of sightseeing in Europe. If he used a false name, the American party which paid his expenses to Moscow corroborated his "legend," or fake biography. In the school, the political police can supply

a forged identification for any country.

Unless unusually naive, the student senses that permission to be off the campus until 11 P.M., is to enable the police to check on his actions and acquaintances. He learns that they watch his political "progress" or "deterioration" and control him as they do every Russian. He is now dependent on the Russian party and Soviet Government for existence.

He is instructed to be peaceful and disingenuous with authorities pending the day of revolution. Instead of avoiding military police or other law enforcement service in his own country, the graduate must welcome it. These are not only choice fields for spreading Communist doctrine among associates, but the military will supplement the school's instruction in tactics and weapons. A surprising story is told of the recent war:

"Today, I'll start your lessons on dismantling and assembling a machine gun," an American captain told a likely appearing enlisted man. The officer started to take the gun apart.

"Let me try," the soldier suggested. In a few minutes, he had the gun apart and before long the complicated mechanism was back in place and working.

"Where did you ever learn that?" the captain asked, amazed at such dexterity by a raw recruit.

"In the Lenin School in Moscow," the man explained. Instruction in weapons of other countries is one of its courses.

This man was one who had belatedly realized that his first loyalty was to his own country and not to Moscow and world revolution. Nurserymen figure that 20 per cent of seeds will not germinate and the Lenin School figures the same percentage of its alumni may lapse from Communism.

Party Ideology First

To keep the percentage down, the first studies in the school's three-year course are intensive indoctrination in the theories of Marx, Engels and Lenin. Once well grounded in party ideology, a party member will realize that winning a wage increase or election or disrupting his own country's economy for the benefit of the Soviet Union are only steps toward the final goal.

"Strikes are skirmishes that force the class solidarity of the proletariat, that oppose class against class and train the masses for the final struggle—the destruction of the state apparatus in a capitalist state," is quoted from a lecture by Abraham Branovitch, better known as "A. D. Lozovsky," lately secretary of war in the USSR and tops in Profintern and Comintern.

"The most glaring weakness of our members is inability to connect particular tasks with party outlook," Beatrice Siskin, alias "Shields," a Lenin School alumna, warns in *Party Organizer*, the monthly magazine circulated only to trusted American party members. It, also, fell to name changing and is now *Contact*.

The Lenin School student who survives Vol. I of Marx's involved and obtuse "Capitalism," can go on to Vols. II and III, to the clearer philosophy of Lenin, the mistakes of Malthus, Ricardo Smith and other bourgeois economists and to increasing instruction in practical Communism. As Vols. II and III were written by Engels from notes left by Marx, faculty members doubt whether Marx himself would understand them.

In addition to its three-year course, the school has short courses in labor activities, party organization, propaganda and such, according to graduates of the school.

The labor movement is next traced from ancient times to the Red Revolution in 1917. In Marxist dogma, the struggle between employers and workers is irreconcilable. Christianity, according to Marx, came from a slave rebellion against the masters. In modern society, the struggle is between capital and labor, farmers and distributors. It will be solved only when civilization returns to the collectivism of tribal days and the masses take over the factories and farms. This is the version to be expounded to the masses, but it is made clear to the students that actually a government, as in the Soviet Union, will take over with the Communist party in control and today's students as the actual rulers.

"Saying there can be unity of interests between employers and employees is treason to the working class," says a textbook by Olgin, followed by instruction that a collective agreement should be broken at the first opportunity.

Stalin, always direct, clarifies this with: "The mightiest ally of Russia is strife, conflicts and wars in every capitalist nation."

Comrades who recant Communism are to be ostracized, slandered and accused of stealing and swindling, according to the school's instructions. The easiest way to answer charges by outsiders is to denounce them long and loudly as lies until they are doubted.

When the student reaches the courses on Communist party organization, the haze of theory clears and action starts. He is taught what methods to use, based on party structure and ideology, in any foreseeable circumstance.

In a country where the party is out-

lawed, it must work entirely underground. In the United States where it is legal but suspect, it should work under cover of other organizations, but the strategy of conspiracy to create internal disorder and to undermine the Government is the same.

Taught Boring From Within

The Lenin School student must join trade unions or liberal societies when he returns to his own country—attend all meetings, pay dues promptly, be eager for work, unite others by party discipline until the organization is blindly following the party line in which he is so well grounded.

"Never in our wildest dreams did we imagine a simple-minded government would permit trade unions and strikes by its employees," a professor in the school commented on the United States. "We have unions but here all workers are government employees and a strike is the same as mutiny in the armed forces, punishable by death. Nor did we foresee that a government would facilitate Communist infiltration into independent unions."

Students who can stand it, get the powerful dose from A to Z. They have now reached Z which is insurrection or revolution—how to put propaganda and organization among the masses to a practical test. Red Army officers and technicians, shadowy shapes from the MVD (Ministry of Political Police) and veterans in revolution take over. The course is based on actual experiences, a few successful and many bitter, each teaching something. When the time comes to apply these lessons there will be no turning back, and the penalties for failure are death.

"Too great humanity is a danger as it is interpreted as a sign of weakness," says the textbook of Hans Kippenberger, who, under the name of "Alfred Langer," writes as a former revolutionary leader in Germany. "That is the great lesson from all revolutionary conflicts. Humanity should be extended only to those who may be won over to the cause. The revolutionary procedure—that is, the terror—should be applied most strictly to all adversaries."

Preparations for Revolution

Though Moscow does not consider revolution imminent in the United States, American pupils get the course so they will be ready if the occasion arrives. Russia is the shining example of a small well-organized group taking over a country, and the lessons have succeeded in China and the Balkans.

Four "conceptions," using the school's phraseology, for an insurrection are: preparation, timing, knowl-

edge of tactics, and complete surprise. Though loyal to the Communist world capital and well-instructed, the local leaders still will be amateurs—and Moscow prefers to send experienced revolutionaries to take charge and avoid disastrous bungling and over-inefficiency.

Like the party policies and the life of a party member, nothing is left to chance or to personal vagaries but is planned in advance on party principles and experience.

High points of the plan for the capture of Chicago—when the time comes—sound like an army operation with everything provided for from psychological warfare to dropping paratroopers.

The peaceful preparations are to go on for years through capable party members burrowed into trade unions, public offices, police force, liberal clubs and other sources of information. Vital spots such as power plants, radio stations, and airports must be mapped.

All the working masses and unorganized proletariat may not be aroused to join in the fracas but the needed knowledge of where to attack to paralyze the city will be at hand. Even recording such a small detail as whether a watchman has a dog is called for in the instructions.

A headquarters, known only to a selected few, will be set up, a courier system organized; telephone talks will be in code, party papers or names memorized and destroyed. Until the zero hour, non-party friends should be used as blinds and communications written on borrowed typewriters.

Police forces are notoriously unreliable for insurrections. Consequently, the city's riot squad—sure to put up a fight—is studied. If it is on three shifts, the weakest one is picked for attack. Once it is subdued, other police can be mopped up. If there is a suspicion that police officers are alert to what is brewing, the advice is to telephone them on a phony pretext to learn whether they are home or on duty.

The habits and daily routine of the chief of police, also the mayor and leading citizens, must be learned. A blacklist is to be prepared of politically undesirable citizens for summary liquidation or temporary use while their families are held as hostages.

Squads are assigned to capture each objective. Getting arms for them is easy in the United States. The hour and minute when the groups will strike simultaneously will be the final instructions.

To prevent calls for outside help, communications will be interrupted immediately. Railroads are to be wrecked several miles outside the city,

either by sending out maverick locomotives or by blowing up incoming trains. Armed men will hold the airports.

Captured radio stations will order a general strike which will be easy if the power plants are seized. The mayor, chief of police and other officers and leaders are to be captured early. If the mayor refuses to read the proclamation which must be prepared for him, he can be disposed of on the spot and somebody with a similar voice, already selected, can read it.

According to the time schedule a city like Chicago should be captured in less than 48 hours. By that time the insurrectionists will have all the weapons and can arm more supporters. They are to proceed to setting up the government from officials picked in advance.

Postgraduate Training

After completing this practical phase of his studies, the graduate of the Lenin School leaves Moscow to begin his career. He may be sent to a colony for a year or more of postgraduate training or to his own country where Communism may be outlawed. He has mastered the technique of working undercover. Even in the United States and other countries where the party is permitted, it is actually two parties—one in the open and the other in the shadows.

A party worker or returned student is ostensibly assigned to duty by the proclaimed head of the Communist Party of the United States. Actually, his job is picked by the party's American politburo which acts under Moscow's direction. He may be detailed as a state secretary or to other organizational work, for propaganda or writing articles, for special work among Negroes or foreign language groups or to get a job and build up party influence in a particular union.

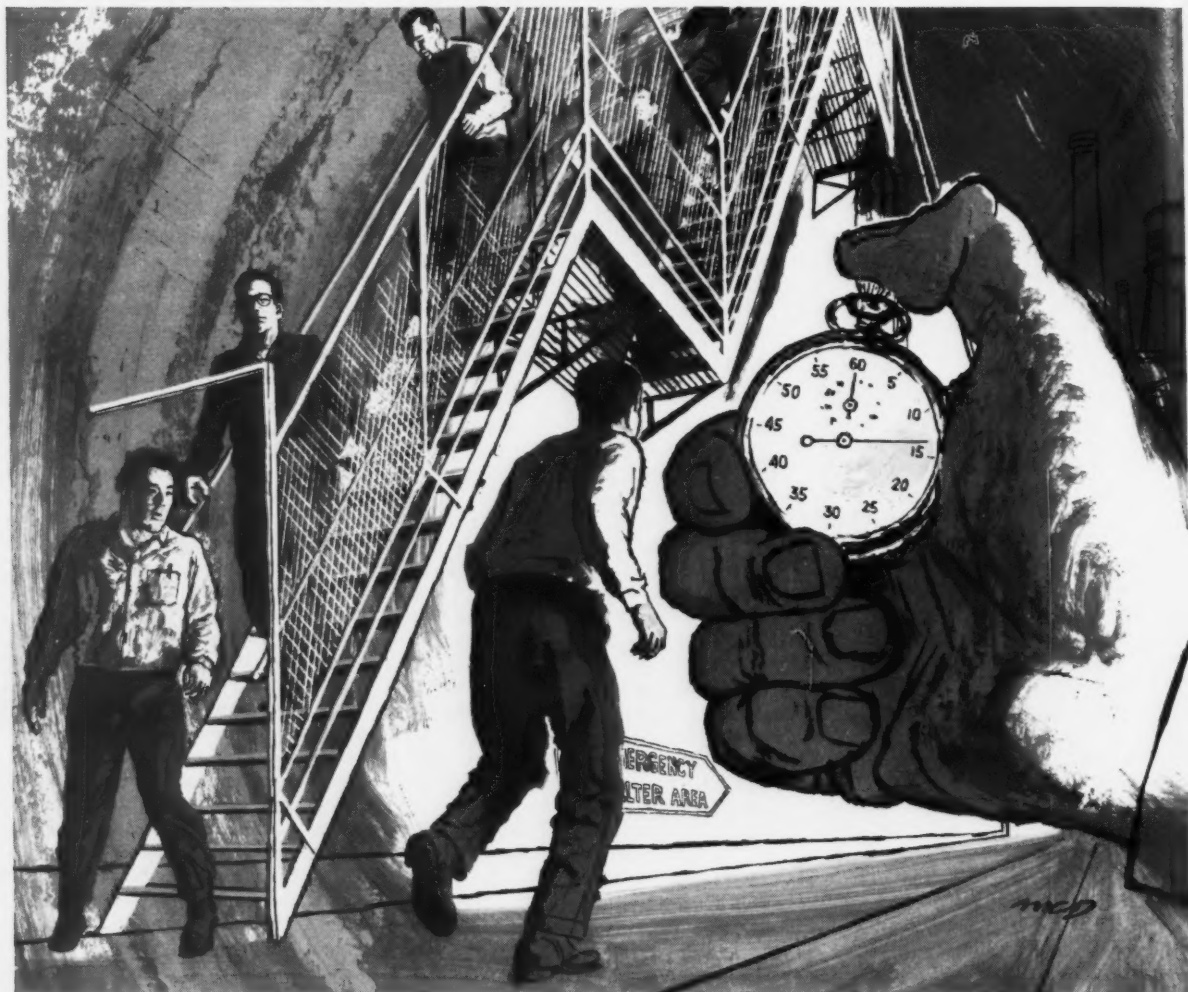
The International Lenin School, of special interest because of American students, is only one of several which the Soviet Union operates for this purpose. The Eastern University, formerly the Sun Yat-sen Institute which Chiang Kai-shek's son attended, has graduated nearly 10,000. Its efficient work shows in China and Korea, making trouble for young Chiang's father and for us.

Graduates of Western University are active in Balkan and Baltic countries and scattered foreign language groups from the United States. Tiflis, scene of Stalin's youthful exploits, has a school for Communists from the Near East. Another in Vladivostok is chiefly for Koreans.

(Continued on page 45)

PROTECTION IN DEPTH

How it helps cut compensation costs



Would an explosion in your plant mean catastrophe?

If a tornado ripped through your plant — or flash fire or explosion or hurricane struck — could you prevent wholesale injury and loss of life and property? Liberty Mutual's protection in depth helps policyholders prepare for an emergency. From a professional analysis of building plans to the organization of an evacuation program, Liberty's experienced safety engineers work to reduce the danger of catastrophe.

Liberty's protection in depth also helps lessen the im-

pact of injuries that do occur. Two fully-equipped rehabilitation centers, a staff of rehabilitation nurses, a neuro-surgical unit and a medical advisory service are included in this bold, broad concept of loss control.

Last year the many and varied services of Liberty's protection in depth helped workmen's compensation policyholders save many millions of dollars. To learn how protection in depth can help lower *your* business insurance costs, just call the nearest Liberty Mutual office.

Look for more from

LIBERTY MUTUAL

the company that stands by you

LIBERTY MUTUAL INSURANCE COMPANY • LIBERTY MUTUAL FIRE INSURANCE COMPANY • HOME OFFICE: BOSTON

Personal Insurance: Automobile, Fire, Inland Marine, Burglary, Homeowners • Business Insurance: Workmen's Compensation, Liability, Group Accident and Health, Fire, Inland Marine, Fleet, Crime



News Forum

This department includes a digest of news and comment about Connecticut industry of interest to management and others desiring to follow industrial news and trends.

♦ J. B. LOVE, general manager, The American Thread Company, Willimantic, has been elected a member of the Board of Directors of MAC, representing Windham County. The election took place at the March 15 meeting of the Board.

Mr. Love will fill the unexpired term of the late Vincent J. Roddy, ending December 31, 1962.



J. B. LOVE

He joined The American Thread Company at Willimantic in 1947, after taking his Master's Degree in Business Administration at Harvard Graduate School of Business. He was given intensive training in textile processing and managerial policies and procedures. Two years later he was named special assistant to E. B. Shaw, who was then agent, in charge of the Willimantic mills. He served as assistant general manager from 1954 until April of this year, when he was named general manager.

Mr. Love has played an active role in Willimantic community affairs. He is president of the Windham Community Memorial Hospital, is a former president of the Lions Club and has held posts in the Boy Scouts of America, Community Chest, American Red Cross and other local civic groups.

♦ J. ROBERT TOMLINSON, president, The Barden Corporation, Danbury, has been elected a member of the Board of Directors of MAC as director-at-large, replacing John W. Douglas for the remainder of his term ending December 31, 1961. Mr. Douglas was elected a vice president of the



J. ROBERT TOMLINSON

Association at the annual meeting of the Board held in December, 1960.

A graduate of Syracuse University, Mr. Tomlinson joined The Barden Corporation in 1946 as assistant to the president. He has served as production manager, factory manager, executive vice president, and in 1956 was elected president of the company and a director. He is also a director and chairman of the board of The Lacey Manufacturing Co., Bridgeport, a wholly-owned subsidiary of The Barden Corporation, and as a director of E.M.O. Instrumentation, Ltd., Bracknell, England, of which Barden owns 50% stock interest.

He is a member of the Advisory Committee of City Trust Company, Danbury; a director of the Danbury Savings & Loan Association, Inc.; trustee and manager of the Danbury

Planning, Productivity & Profit



These things go hand in hand. Each is dependent on the other. For 39 years we have been *engineering* better ways of doing things for others . . . in Management, Controls, Systems, Production, Machine Design and Architectural Engineering. The record proves that we are currently making (or saving) hundreds of thousands of dollars for Connecticut industry.

We are helping others. We would like to help you too. Ask for folder: "The Other Side of the Equation."

Resident Engineer
Richard E. Rummler
Hartford, Connecticut
11 Asylum Street
CHapel 7-2474

ANDERSON-NICHOLS
Company, Inc.

150 Causeway Street, Boston 14, Massachusetts

SHELLS EYELETS STAMPINGS FERRULES

Maximum Blank 6"
Maximum Draw 3 1/4"

Engineering, Technical Aid,
Design, Development, Complete
Tooling Facilities, Finishing



All Metals . . . Ask for Brochure

THE CLY-DEL MFG. CO.

Dept. CI

SHARON ROAD, WATERBURY 20, CONN.

CUSTOM MADE GRIP-LOCK



**CHUCK-JAWS
and
HOLDING
DEVICES
By ROYAL**

ENGINEERED

Jaws made to American Standards, engineered and built for accurate holding and protection of workpiece.

INCREASE PRODUCTION

Made to hold work in lathes, turret lathes, multiple spindle machines, millers, chucks. Increases production, accuracy, profits.

PERSONALIZED SERVICE

Royal people are interested in your needs and qualified to offer technical help; available to meet you personally.

ALSO MANUFACTURERS
OF STANDARD SOFT
BLANK JAWS

ASK FOR
FACT-FILE BULLETIN

ROYAL MACHINE & TOOL CORP.
Dept. CI • 31 Deming Road • Tel. VA 8-3544
BERLIN • CONNECTICUT

WIRE

- Stainless Steel
- Music
- Phosphor Bronze
- Brass
- Beryllium Copper

STRIP

- Stainless Steel
- Beryllium Copper
- Phosphor Bronze
- Brass
- Spring Steel

STRAIGHTENING,
CUTTING, AND
SLITTING
FACILITIES

Ask for more
information



GIBBS WIRE & STEEL CO. INC.
DEPT. CI • WEST STREET
SOUTHINGTON • CONNECTICUT

**Personalized
Warehousing
Services
for
Pilot Runs
or
Full
Production**

Hospital; trustee of the Connecticut Public Expenditure Council and a director of the Connecticut State Chamber of Commerce. He also serves as a director of the Anti-Friction Bearing Manufacturing Asso., Inc. and is a member of the American Ordnance Association.

♦ **PITNEY-BOWES, INC.**, Stamford, has agreed to acquire from the Underwood Corporation its wholly-owned West German subsidiary, Adrema-Werke, G.m.b.H., it has been announced jointly by the two companies.

Adrema, a leading manufacturer of addressing machines and business systems equipment, does an annual volume of about \$5,000,000 and has its main plant in West Berlin. A smaller plant is located in Frankfurt. The company has about 1,200 employees, and markets its equipment in most industrialized countries of the world, except the United States and Canada.

♦ **THE PROMOTION** of Cornelius L. Hudak to general sales manager has been announced by Harry T. Silverman, president of Plume & Atwood Mfg. Co., Thomaston.

Mr. Hudak will be responsible for sales promotion, marketing and the coordination and development of new accounts for the company.

He has been with Plume & Atwood since 1949. He received his B.S. degree from M.I.T., majoring in chemical engineering.

♦ **REPUBLIC FOIL, INC.**, Danbury, producer of high quality aluminum foil, has entered into an agreement to acquire Consolidated Bag & Foil Corporation, Somerville, Mass., it has been announced by John W. Douglas, Republic president, and Joseph S. Ginsburg, president of Consolidated.

Consolidated is said to be the nation's largest manufacturer of foil insulated ice cream bags and is a leading producer of paper bags for a wide number of uses. The company also laminates foil and paper for building insulation and for further processing into consumer products.

The acquisition, according to Mr. Douglas, will furnish an important new outlet for foil rolled in Danbury and will give Republic further integration, product diversification and an entrance to consumer markets.

Consolidated will be operated as a division of Republic. There will be no changes in personnel. Mr. Ginsburg has been elected a director of Republic, and will serve as vice president in charge of the division.

♦ **A LITTLE KNOWN** but potentially very significant U. S. Army proj-

DIES for SHAPES

OF INDUSTRIAL TRADES

Engineered and Built to Cut Shapes in

Corrugated	Cork	Plastics
Paper	Rubber	Metal
Foil	Card	Linoleum



Check into ACME Personalized Service

—Inquiries invited—Ask for Bulletin—



ACME STEEL RULE DIE
Corporation
214 Baldwin Street
WATERBURY, CONN.
8 Schley Place
ROCHESTER, N.Y.

the
production
of

**PRINTED
SALES AIDS**

BULLETINS • CATALOGS •
MAILING PIECES • LABELS •
BUSINESS STATIONARY •
PRICE LISTS . . .

is the
business
of

INQUIRIES
INVITED

THE PRINT-CRAFT CORP.

24 TOBEY RD., BLOOMFIELD
CH 2-6251

GLASS CONTAINERS

featuring: **Quality
Reliability
Service**

for all your needs are now available from New England's newest, most modern glass container plant. Find out how The Feldman Glass Co.'s more than 63 years of glass know-how can serve you. Contact offices at 261 Wolcott Street, New Haven.

THE FELDMAN GLASS COMPANY

authorized representatives for

the new/KNOX GLASS

ect, identified as the Terrain Analyzer Project is being carried out with the help of infrared instrumentation developed by Perkin-Elmer Corporation, Norwalk. Now in its initial phases, the project has the ultimate goal of equipping aircraft with infrared instruments that will permit accurate, high-speed surveying of the ground below by continuous monitoring of the terrain's infrared reflectance values.

From a military standpoint, such data, transmitted electronically to a remote intelligence center, could give an Army group accurate indications of terrain structure and "trafficability". If military objectives are attained, commercial applications may also prove practical. For example, infrared analyses of terrain could lead to faster, more comprehensive mapping, and to more effective exploration for oil, minerals, and other sub-surface deposits.

♦ A UNIQUE process of metalizing Teflon, other high temperature plastics, and rubber has been announced by Joclinc Manufacturing Company, Wallingford. Complex components are molded, and then copper or nickel is deposited by an exclusive process over the entire surface or selected areas. The extremely thin, (millionth of an inch) metal film is electrically conductive, and can be built up to any desirable thickness by conventional electroplating methods.

The process, developed for Joclinc by Quantum, Inc., Wallingford, is said to give an extremely tenacious bond between the metal coating and substrate—substantially stronger than that produced by current adhesive laminating techniques.

♦ THE FIRST commercial production of Rhenium-Molybdenum alloys was announced recently by Chase Brass & Copper Company, Waterbury. This development will make available improved materials for use in many aero-space, electronic and electrical applications at a cost significantly below that of pure rhenium.

John H. Port, manager of the newly formed Chase Rhenium Division, called the development a major advance, making a high strength refractory alloy with good ductility available for specialized applications. Research and tests over extended periods have shown Rhenium-Molybdenum alloys to have considerable advantages over both pure rhenium and pure molybdenum.

Rhenium products have particular applications in the electronics and electrical fields. They are used in critical components in missile and space vehicles. Specific applications include: grids, heaters, and cathode supports

Even ON Nuts and Bolts...



IT PAYS TO BE PARTICULAR

For maintenance needs or production requirements, you'll find it pays—in time saved and superior results achieved—to insist on CLARK fasteners, noted for their:

High Quality—In dimensions and strength, consistently accurate and superior.

Uniformity—Perfect fitting fasteners produced to the industry's highest standards.

Superior Packaging—In rugged, clearly labeled and color coded cartons, proportionally sized for easy storage and instant identification.



Request complete catalog.

CLARK BROS. BOLT CO.

MILDALE • CONNECTICUT

for electronic tubes, thermocouples, and welding filler rod.

♦ **THE RETIREMENT** of W. B. Thompson, assistant purchasing agent of The American Hardware Corporation, New Britain, has been announced.

Mr. Thompson was graduated from Williams College and held several purchasing positions commencing with the United States Navy as purchasing officer during World War I. He became purchasing agent for Standard Music Roll Company, Orange, New Jersey, and joined The American Hardware Corporation in 1941.

♦ **CHARLES F. CLAUGHSEY** has been named to the central management staff of Emhart Manufacturing Company, Hartford, as consultant to the

executive vice president, F. R. O'Leary. He was previously chief application engineer of the company's Hartford division, which makes glass container manufacturing equipment.

Also announced is the appointment of John E. Crouse as manager of technical sales and service of the Hartford Division.

♦ **THE APPOINTMENT** of John R. Baker to the newly created position of director of planning for MB Electronics, New Haven, has been announced by Charles D. Brown, MB president. The company is a leading manufacturer of products to excite, measure and control vibration.

The new planning post, according to Mr. Brown, has been established "to

further implement MB's objective of broadening product lines and uncovering new markets. Technical skills gained in pioneering vibration testing will be utilized to develop promising related fields."

Mr. Baker was formerly manager, Countermeasure Product Sales, Light Military Electronics Department, General Electric Co.

♦ **TWO HARTFORD AREA** industrialists have been appointed to top committee posts of the National Tool, Die & Precision Machining Association, it has been announced by Harold G. Murdock, president.

John D. Dewhurst, Arrow Tool Company, Inc., Wethersfield, was named head of the Finance Committee, and renamed chairman of the Apprenticeship Committee. He will also serve as vice chairman of the Executive Committee, and continue to serve as a trustee of the association.

Frederick L. Radke, Elmwood Tool & Machine Co., Inc., Elmwood, has been named vice chairman of the Government Relations Committee of the association.

A Bridgeport industrialist, Richard F. Moore, Moore Special Tool Co., Inc., has been named vice chairman of the Apprenticeship Committee of the association for the second successive year.

Mr. Moore is also a trustee of the national group which represents more than 1,000 leading contract plants throughout the United States who make tools, dies, jigs, fixtures, gages, special machinery, molds, and who do precision machining.

♦ **A NEW**, hydraulically operated tube bender, capable of handling up to 90-foot lengths of tube, is speeding delivery and reducing scrap loss of custom-fabricated "U" bend feed water, evaporator and heat exchanger tube at the Bridgeport Brass Company, Bridgeport.

With a capacity of up to 40 tubes per hour on a production line basis, the new bender is handling miles of tubing ranging from 3/8-inch to 1 1/2-inch diameter with bend radii from 3/4-inch to 24-inches. Integrated with the new facility for closer product control is a resistance annealer, hydrostatic testing equipment and a bend dimensioning jig.

♦ **A REVOLUTIONARY** power transmission system called Harmonic Drive will be studied by the Kaman Aircraft Corporation, Bloomfield, for possible application as a helicopter transmission under contract with the United States Army Transportation Research Command, Ft. Eustis, Virginia.

CMS

*The
Blue Shield Plan
for
Connecticut*

**VOLUNTARY
PREPAYMENT
FOR
SURGICAL-MEDICAL
CARE**



CONNECTICUT MEDICAL SERVICE, INC.

221 WHITNEY AVENUE, NEW HAVEN 9, CONNECTICUT



"First Lady" roses, grown especially for the opening of the 11th annual National Capital Flower and Garden Show, are presented to Mrs. John F. Kennedy by Charles S. Burr, president of C. R. Burr Co., Inc., Manchester. The "First Lady" roses are a beautiful salmon pink and are said to be a prolific blooming garden variety.

Originally conceived and developed by the United Shoe Machinery Company, Harmonic Drive departs radically from conventional gear box design. Inherent in the system is extremely high efficiency and weight reductions of up to 50 per cent from existing transmissions.

Kaman Aircraft is entering into the Army contract under a working agreement with the United Shoe Machinery Company.

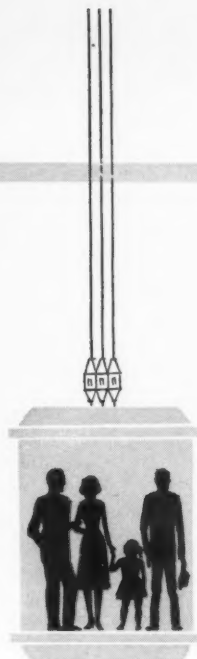
♦ PETER A. FRASSE & CO., INC., distributor of steel and aluminum, has announced the addition of High Yield Structural Steel tubing to its line of tubular products.

High Yield is a newly developed welded steel tube that offers a guaranteed minimum yield of 55,000 pounds per square inch. Because of its strength, it can carry a greater load with less weight at lower cost. When compared with many other structural materials, it is said to be a relative low-cost item, and can be used in virtually all structural applications. It is presently being used for bleachers and stands, gates, conveyors, racks and material handling equipment.

Additional information may be obtained by writing the company at P.O. Box 1949, Hartford 1, Conn.

♦ DONALD A. MONTCLARE has been named controller of Veeder-Root Incorporated, manufacturers of computers and counting instruments, it has been announced by W. C. Stauble, president.

Mr. Montclare has been assistant controller of the Reaction Motors Division of Thiokol Chemical Corporation, Danville, New Jersey. Previously, he had been supervisor of factory ac-



- A complete line of geared and gearless elevators for every vertical transportation requirement.
- Dependability proved through almost a century of elevator manufacturing experience.
- Unique gear design, anti-friction bearings and sealed lifetime lubrication for long machine life and lower maintenance costs.
- Exclusive Electro-Cushioning feature for gentle stops and less brake shoe wear.
- Modern engineering and design, utilizing transistors, transducers and printed circuits for superior performance and economy to the owner.

Sold, installed and serviced by
Eastern Elevator Co., Inc.

113 Mill River St., New Haven, Conn.

Telephone: UN 5-3106

DOVER ELEVATORS

(FORMERLY SHEPARD ELEVATORS)

✓ Acid-Resistant ✓ Flameproof ✓ Lint-Free

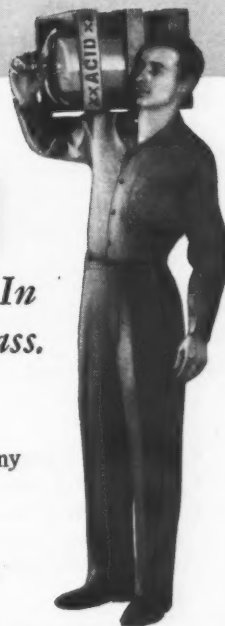
Work Clothes

RENTED

CLEANED & REPAIRED

*Serving Industry Anywhere In
Connecticut and Western Mass.*

Successful management makes certain that employees wear proper work clothes for greater safety, cleanliness, efficiency and company morale. American Linen Supply Co. rents all types of work clothes, or cleans and repairs company-owned garments. There's a plan to meet your requirements. Write or call today for more information.



AMERICAN LINEN SUPPLY CO., INC.

63 LOCK ST., NEW HAVEN, CONN., PHONE SPruce 7-7281

MOTION PICTURE PHOTOGRAPHY

FASTAX

- HIGH SPEED
- INDUSTRIAL
- DOCUMENTARY

FAST SERVICE

- FILM PROCESSING
- FILM DUPLICATED

JAMES
MOTION PICTURES, INC.
1096 Chapel St.
NEW HAVEN UN 5-6604

THE HENRY SOUTHER ENGINEERING CO.

Consulting Engineers

Design and Supervision of
Economical Waste Treatment
Plants for Industry

Metal Plating
Textile
Paper
Foodstuffs
Chemical
Sewage

Hartford, Conn.
CH 6-6563-4

You Get the **BEST**
when you buy

CURTIS FIBRE Envelopes

Lightweight to save postage, yet
strong and durable for protection

Try them for:

- Catalog mailings.
- Bulky or flat mail.
- Branch office or salesmen's mail.
- Anytime enclosures need protection.

Write for samples

CURTIS 1000 INC.

150 Vanderbilt Avenue
West Hartford 10, Conn.

counting for Bendix Aviation Corporation, Teterboro, New Jersey. He is a graduate of Rutgers University and received his master's degree from New York University.

◆ A NEW, six-page, fully illustrated brochure describing in detail its complete facilities for the design and fabrication of metal boxes, cabinets and merchandising displays is being offered free by the Durham Manufacturing Company, Durham.

The literature includes an explanation of the planning, design, model fabrication and engineering services provided at no cost to customers as well as a description of production capabilities and information on the history and background of the company.

◆ AN INDUSTRIAL first aid kit is being sold by the American Optical Company's safety Products Division. Four different kits are available containing compresses, bandages, iodine swabs, tourniquets, inhalants and burn salves.

The kits are made of 20-gauge steel and have reinforced electrically-welded joints to offer contents maximum protection. Lids fit snugly to keep out dirt. A special rubber gasket keeps out moisture and water.

◆ THE APPOINTMENT of Roy E. Wendell as public relations director of Hamilton Standard Division, United Aircraft Corporation, Windsor Locks, has been announced. He has been assistant public relations director of the division since 1957 and succeeds E. Russell Trotman, who has been transferred to United Aircraft.

Prior to joining Hamilton, Mr. Wendell was director of public relations for the World-Wide Army and Air Force Exchange Service with headquarters in New York. He is a graduate of the University of Notre Dame and treasurer of the Connecticut Valley Chapter of the Public Relations Society of America.

◆ DICTAPHONE CORPORATION, Bridgeport, has announced another step toward diversification in the business communications industry by entering the field of facsimile transmission and recording.

Lloyd M. Powell, president of Dictaphone, has announced that the corporation will distribute and service "Datafax" facsimile equipment made by Stewart-Warner Corporation's Electronics Division.

The "Datafax" unit will transmit all types of visual images—photographs, drawings, handwriting and typed or printed data—in exact dimensional facsimile of the original. Not to be confused with office copy-


SUCCESSFUL

Tool Steel Welding

First Class
Toolmaker Quality
Repairs On

- PUNCHES, DIES
- FORGING DIES
- PLASTIC MOLDS
- H.S.S. BROACHES and CUTTERS

RECOR WELDING CO.
152 Hartford Avenue
NEW BRITAIN, CONN.
Tel.: BALDWIN 5-3681

1907
NEW 
**PHOTOCOPY
SERVICE**
REDUCES PRICES AND TIME
OVER **50%**
Additional quantity discounts
on multiple copies.
CALL JA 2-9255
JOSEPH MERRITT & CO.
176 PEARL STREET • HARTFORD



THE FLAGG INDUSTRIAL SUPPLY CO.

HAMDEN 18, CONN.
ATwater 8-2573

BASSICK casters
CINCINNATI wheels
DEXION slotted angle
ECONOMY lifters
GRAY-MILLS pumps
MILWAUKEE tools
WRIGHT hoists
CIMCOOL coolants
CUNO filters
DUFF-NORTON jacks
FAIRBANKS trucks
LYON metal products
RUST-OLEUM coatings

ing machines, "Datafax" equipment will operate over telephone lines, intercom lines, radio circuits or microwave channels.

The "recorder," or receiving unit, actually electroplates the image on specially prepared paper in dry, odorless and instantaneous fashion. No treatment or darkroom handling is involved and newspaper cuts can be made direct from transmitted photographs or other material.

♦ **BALL BEARINGS** with 14 dimensions that measure within 20 millionths of an inch of theoretical perfection are now being volume-produced by the Barden Corporation, Danbury, for the U. S. Intercontinental Ballistic Missile Program.

Believed to be the first time in bearing history that such fine tolerances have been achieved in volume production, the Barden development marks a ten-times advance in bearing manufacturing technology. These new precision bearings are required to give inertial guidance systems the exact control vital for navigation over long distances.

This advance in bearing technology is the result of a program initiated in 1956 by MIT Instrumentation Laboratory under Air Force sponsorship for



The first desk-top electric postage meter mailing machine, the new Pitney-Bowes Model 5400, being introduced this spring, seals, stamps and stacks letter mail in one operation, or issues gummed meter stamps for packages and bulky envelopes.

which Barden was chosen because of its previous accomplishments in design and production of precision bearings for gyroscopes.

♦ **THE DOLAN STEEL COMPANY**, Bridgeport, has invested approximately \$200,000 in a new re-squared blank shearing assembly, ac-

ECONOMISER

SUBURBAN PROPANE'S "ONE COMPLETE PACKAGE" MOTOR FUEL FILLING STATION FOR FORK-LIFT TRUCKS

Enables you to take advantage of money-saving bulk deliveries and fill your own cylinders.

Delivered ready to use . . . just plug into 110-220 volt electric service to operate the pump and start saving. Can also be used simultaneously for vapor withdrawal for industrial heat applications.

Call your local Suburban Propane Gas Service office for complete details. No obligation, of course.



SUBURBAN PROPANE GAS SERVICE

Pioneers In The Use Of Propane For Industrial Trucks

Serving Connecticut from:

Derby, Conn. - Regent 4-2503
Niantic, Conn. - Pershing 9-5418
Windsor, Conn. - Murdock 8-3623

Millerton, N. Y. - Millerton 1
Mt. Kisco, N. Y. - Mt. Kisco 6-5174
Coventry, R. I. - Express 7-3311

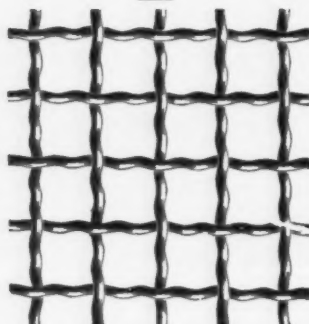
A Third of a Century of Dependable Service

MANUFACTURERS AND DEALERS IN

WIRE CLOTH

—
ANY
METAL
or
MESH
—

- STAINLESS STEEL
- GALVANIZED
- ALUMINUM
- NICHROME
- BRONZE
- COPPER
- INCONEL
- MONEL
- BRASS
- STEEL



The **JOHN P. SMITH** *Co.*

— SINCE 1905 —

433 CHAPEL ST. Tel. SPruce 7-2331 NEW HAVEN, CONN.

ORGANIZED AND LOCATED TO SERVE CONNECTICUT INDUSTRY

Organization	Systems Analysis
Wage Incentives	Data Programming
Method Improvement	Management Controls
Marketing Research	Production Control
Sales Production Co-ordination	
Supervisory Bonus Plans	

Free Booklet "PROFIT-PARTNERSHIP"
Mailed on Request



BAVIER, BULGER & GOODYEAR

Management Consultants

NAUGATUCK, CONNECTICUT

cording to James A. Dolan, president of the steel distributing firm. Mr. Dolan describes the installation as "one of a planned series of aggressive steps to develop new business by offering reduced processing costs to customers and prospects."

Dolan's new shearing operation will save some customers as much as 20% of the cost of their primary blanks.

♦ PETER E. FEIGL has been named director of foreign operations for the Kaman Aircraft Corporation, Bloomfield. In his new post Mr. Feigl will be responsible for the foreign sales program of the company.

He was previously associated with AviQUIPO, Inc. of New York as technical director. He joined that firm in 1957 as aircraft sales manager. Before going to AviQUIPO he was employed as supervisor of spare parts engineering liason at the Wright Aeronautical Division, Curtiss Wright Corporation.

♦ THE ENSIGN-BICKFORD Company, Simsbury, has announced the appointment of William G. Abbott, III as manager of industrial engineering.

A graduate of Phillips Exeter Academy and M.I.T. where he received his Degree in Engineering and Business Administration, Mr. Abbott has broad experience in manufacturing and management consulting activities and, most recently, had served as accounting machine manufacturing manager for the Underwood Corporation.


♦ THE APPOINTMENT of George N. Stuart as plant manager, reporting to John Boak, vice president and general manager, has been announced by Harry T. Silverman, president of Plume & Atwood Manufacturing Co., Thomaston.

Mr. Stuart has worked in the brass field for many years. He received his Mechanical Engineering degree from the University of Michigan. For a number of years he was associated with the Olin Mathieson Chemical Corp. in East Alton, Illinois and New Haven. He was most recently associated with Seymour Manufacturing Co.

♦ A NEW service designed to speed long-distance calls and cut costs for Connecticut businessmen is being offered by The Southern New England Telephone Company, New Haven.

Wide Area Telephone Service, commonly called WATS, is a new long-distance service especially designed for businessmen who make many calls to widely scattered points in the United States.

WATS is offered to customers on a full-time or a limited-calling basis. The full-time customer can make as many calls as he wishes to any tele-



Wherever It Is, Southern New England Will Be There

Which is Southern New England's biggest industry? Flight equipment.

Output of this industry includes helicopters with which we jaunt about in local space, and uncanny instruments with which we adventure into outer space.

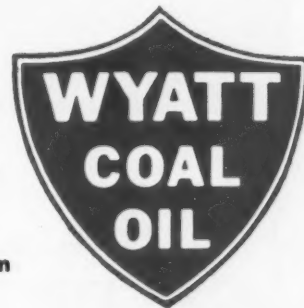
Nobody even knows how big Southern New England's flight equipment industry is. The recorded output of aircraft engines alone is bigger than that of any other region. But output also includes equipment which the makers are not even allowed to talk about. We only know it is needed to help America get where she is going.

Where is America going? The thrilling fact is, no man yet can say except that it will be onward, upward, outward. Wherever it is, Southern New England will be there.

WYATT, INC.

Dependable Heat and Power

157 Church Street, New Haven
STate 7-2175



1200 Light Years From the Earth —
The Constellation of Orion

Plating in the news

How DSC
DEEP ROLLED
RBF
STEEL STRIP
Can Give
Your Products
a Durable,
Expensive-
Looking
Showroom
Finish—
Inexpensively

AUTOMOTIVE NEWS recently reported on a new durable double-nickel chromium plating process that was "sweeping industry" and giving plating "its biggest technical gain in 31 years."

This is good news to many manufacturers, perhaps yourself included, who feel that no material is quite as mirror-bright and expensive-looking as chromium plated steel. What's more, the new finish promises far greater resistance to corrosion than existing processes under like conditions, and it lowers costs by eliminating handwork.

MORE POWER TO THE NEW PROCESS—It promises additional good reasons for the use of DSC DEEP ROLLED **RBF** STRIP instead of more costly substitutes. Meanwhile even with existing chromium plating procedures, our recently improved **RBF** finish is proving durable, reliable and economical. We will arrange for you to try it. Then judge for yourself.

WHY DEEP ROLLED?—Because this *Accutronic*® Strip is produced on bright polished rolls *all the way*—from the first cold reduction pass to the last. "Satin" never touches this strip. That's why it won't break out in a "pepper-and-salt" rash even in severe bending, forming or drawing.

WHY ECONOMICAL?—Because **RBF** is our improved *Regular Bright Finish*. It carries no "extra." Interleaving isn't needed . . . another way of saving money for you.

BENEFICIARIES—Among satisfied DSC strip customers are manufacturers of automotive trim and accessories, appliances, toasters, broilers, housewares, hardware items and a host of other eye-appeal products.

LET'S TEAM UP—For up-to-date information about DSC *Accutronic*® Steel Strip—low carbon, high carbon or improved DEEP ROLLED **RBF**—call your nearest DSC customer "Rep" or write direct: Detroit Steel Corporation, Box 1789, New Haven 7, Connecticut.

Customer Satisfaction — Our No. 1 Job

Performance Proved  The Bargain
Wonder Metal

DETROIT STEEL

Flat Rolled and Wire Products

Detroit Steel Corporation—General Sales Office, Detroit 9, Michigan
Cable Address DETROSTEEL—New York

DSC *Accutronic*® STRIP stocked by:
WARD STEEL COMPANY
87 Ridge Ave. Ext., Cambridge 40, Mass.
Phone UNiversity 4-2460

DSC EASTERN STRIP DIVISION
Box 1789—New Haven 7, Conn.

EASTERN DISTRICT CUSTOMER "REP" OFFICES
Hamden, Conn., 2061 State St., State 7-5781
New York 19, N.Y., 250 W. 57th St., Columbus 5-4870
Worcester 5, Mass., 600 Lincoln St., Pleasant 5-8686

COPYRIGHT DETROIT STEEL CORPORATION 1961

CONNECTICUT INDUSTRY

phone within a chosen area for a flat monthly rate. The limited-calling customer will have 15 hours monthly of calling at a fixed price.

The country has been divided into seven areas. The first area is the entire state of Connecticut, the second area includes Massachusetts, New Hampshire, Rhode Island, New Jersey and most of New York State. By adding the other five areas, businessmen can place calls throughout the continental United States for a set monthly fee.

♦ **EDWARD P. BULLARD, III**, president and general manager of The Bullard Company, Bridgeport, addressed the National Science Foundation's International Conference for Teachers of Mechanisms, held recently at Yale University's School of Engineering.

Mr. Bullard's topic before the highly select group was "A New Variable Speed Drive." On exhibit during the conference was an assembled Bullard Variable Speed Drive weighing about 2,650 pounds.

♦ **TWO TOP** American Thread sales and manufacturing executives retired recently, it has been announced by President E. B. Shaw.

Harold F. Duncan, vice president, domestic sales division, and Arthur K. Stewart, general manager, Willimantic mills, retired after fifty and forty-five years of service, respectively.

E. F. Mescall, who has been vice president and general sales manager, Conmar-American, Inc., a subsidiary jointly owned with Conmar Products Corp., has been named director of sales, domestic division. John B. Love, assistant general manager, Willimantic Mills, succeeds Mr. Stewart as general manager.

Mr. Duncan's career with American Thread began in the firm's New York offices in 1910. He served in various sales offices and as assistant sales manager and in 1938 was named general manager of branch offices. In 1945 he became general manager of the domestic sales division and in May, 1953, was named vice president.

Mr. Stewart's career in textiles extends back to 1916 when he joined Lonsdale Mills, Lonsdale, Rhode Island, immediately following his graduation from Massachusetts Institute of Technology. In 1937 he joined American Thread and was placed in charge of the company's Westerly, R. I. mill. The famous hurricane of 1938 destroyed that mill and Mr. Stewart transferred its operations to the company's Merrick Mills in Holyoke, Mass. In 1942 he was named agent of Merrick Mills and in late 1951 became agent and later general manager of

the company's manufacturing and finishing operations in Willimantic.

♦ **THE VALLEY** Metallurgical Processing Co., Essex, producers of spherical light metal powders, have entered a unique new field with the formation of the Plasmatech Division. In making the announcement, Percy W. Hudson, president, stated that the new division would be engaged in the application and development of the plasma jet for industrial and research purposes.

The plasma jet, an electric arc device capable of generating continuous gas temperatures in excess of 25,000

degrees F., has received a great deal of attention recently, especially in the field of metal and ceramic spraying. In operation, fine powders are fed into the hot gas stream where they become molten and are impelled onto a surface to resist wear, corrosion, and extreme temperature conditions.

The high heat transfer rates and particle velocities of the plasma jet are said to result in denser, more strongly adherent coatings than those obtained with conventional metallizing techniques. In addition, spraying can be done in an inert atmosphere

DESIGNED FOR GREATER STRENGTH!

The man working from a Flint Safety-Platform Ladder is protected by extra tough side rails, steps double strengthened by steel rods and diagonal braces, and heavy duty, aluminum double-ears and plates at ladder top.

He is provided large, firm standing space by the sturdy, oversize 14" x 18" safety-platform. The unique top-cap is drilled and grooved to prevent his dropping heavy tools, nails or screws to the floor.

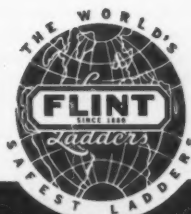
Built of select materials and thoroughly seasoned ladder stock, the Flint Safety-Platform Ladder gives extra safety, greater strength and durability than ordinary ladders.

Manufacturers of quality ladders since 1880, Flint is your best and safest ladder buy.

THIS FLINT LADDER GUARDS HIS SAFETY

Write to Dept. B for
complete catalog
of Flint Certified
Ladders & Staging.

Underwriters' Laboratories, Inc.
INSPECTED



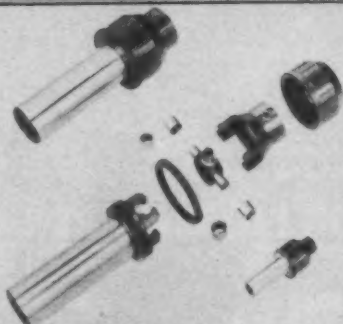
A. W. FLINT CO., 196 CHAPEL STREET, NEW HAVEN, CONN.
"Ladder Manufacturing Specialists Since 1880"

IT'S NEW

*PATENT NO.
2865642

IT'S ALINE-X*

THE IMPROVED FLOATING TOOL HOLDER



COMPENSATES FOR MISALIGNMENT

Now single and multiple-spindle screw machines or turret lathes can produce precise reaming and counterboring with easy-to-use ALINE-X.

Compensate for misalignment... eliminate bellmouthing, oversizing, scoring.

SIZE RANGE
1/8" through 1 1/2"
shanks.

ASK FOR
Price, delivery, demon-
stration, information.

USE WITH CARBIDE
Holds high-speed and
carbide tools.

INQUIRIES INVITED

ALLIED
ALINE-X

**ALLIED METAL
PRODUCTS, INC.**
1084 Farmington Ave.
Kensington, Conn.



CONVENIENCE

The convenience of a "return" envelope speeds replies — expedites payments... maintains good customer relations. Other advantages: easier, faster handling of remittances by accounting personnel, greater accuracy, economy. Explore the benefits of Business Reply Envelopes with New England's foremost designer, creator and printer of Envelopes for better business. (Free samples, of course.)

Boston Envelope Co.

Tel. FA 5-6700

229 High Street Dedham, Mass.

when very pure coatings of reactive materials are desired. Typical materials which can be sprayed include Tungsten, Tungsten Carbide, Aluminum Oxide, Titanium Carbide, Zirconium Oxide, as well as many other oxides, carbides, nitrides, borides and disilicides.

♦ **ARROW TOOL COMPANY** Wethersfield, has recently completed a rearrangement of the entire plant to make room for departmental reorganization, new equipment and methods and to improve working conditions, work flow and shop appearance.

Walls, floors and machines have been freshly painted; new lighting has been installed; aisles are now sharply defined with work areas clearly marked. Specialized departmental equipment have been conveniently grouped for maximum efficiency and storage and inspection facilities have been completely modernized.

According to the company, these improvements have resulted in highest operating efficiency to serve every precision machining need, from design through prototype to quantity production.

♦ **THE FORMATION** of a new corporation, AT Electronics, Inc., to be operated as a subsidiary of American Tube Bending Co., New Haven, has been announced by Henry W. Jones, Jr., American Tube president.

AT Electronics, Inc., will be engaged in the fabrication and distribution of coaxial cable serving the missile, rocket, spacecraft, telemetry and communications fields. Plans call for operations to be conducted at the American Tube Bending plant.

Named to head the new company as president is Henry W. Jones, III, who also serves as vice president of American Tube Bending. Other officers of AT Electronics Inc. are Henry W. Jones, Jr., chairman of the board and treasurer, and Julius Toth, secretary.

♦ **PROTOTYPE Die Casting Serv-**

ice, a new process which provides product planners and designers with small quantities of simulated die castings for test purposes without the need for their incurring the cost of permanent tooling normally required by production die casting, has been announced by William G. Newton, Jr., president of the Newton-New Haven Company, prominent custom producers of aluminum and zinc die castings.

Mr. Newton, Jr. reported that the company had devoted over a year and a half of intensive research to the development of a casting method which would be capable of producing casting which "looked, felt, finished and performed" like production die castings yet eliminated the necessity for investment in production dies and tooling.

♦ **JAMES D. EARLEY** has been elected vice president of The Fuller Merriam Company, West Haven, it has been announced by Harley J. Hiscock, president.

Mr. Early has worked for Fuller Merriam since 1941 except for time out for wartime service in the United States Navy. He started as a machine operator and was later made customer service representative. He moved to New Jersey in 1948 to establish the territory and continued as sales representative in that area until 1956 when he was appointed northeastern district sales manager. He was appointed sales manager in 1957 and has been responsible for the development of the company's present marketing program.

♦ **PLANS** for a new \$25 million corporation, to be the nation's first integrated organization in the nuclear energy field, were announced recently by three companies—Olin Mathieson Chemical Corporation, Nuclear Development Corp. of America and Malinckrodt Chemical Works.

The announcement was made by Stanley de J. Osborne, president of



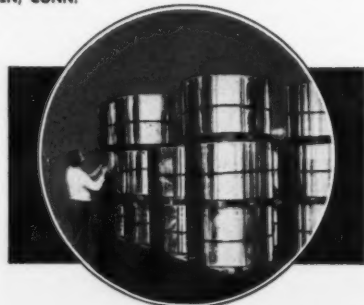
THE EASTERN STEEL & METAL CO.

52 RICHARDS ST., WEST HAVEN, CONN.

STEEL

Enjoy the superior service of a Steel Warehouse with MODERN PRODUCTION METHODS... AMPLE INVENTORY... FAST, RELIABLE DELIVERY... a reputation for placing Customer Service above every other consideration.

Now... ALUMINUM — As a distributor for the Aluminum Division of the Revere Copper and Brass Co., EASTERN can now assure you these same prime advantages with all your aluminum requirements.



Olin; Harold E. Thayer, president of Mallinckrodt, and John R. Menke, president of NDA. The new company, to be called United Nuclear Corp., will combine the facilities and personnel of NDA, Olin's Nuclear Fuels Operation, and the Mallinckrodt Nuclear Division, Commercial Operations, at St. Louis and Hematite, Mo.

United Nuclear will be the first integrated nuclear service organization in the United States and will serve both commercial and government customers. It will have skills and facilities for research and development, reactor system design, manufacture of nuclear fuel materials, reactor fabrications and fuel management.

The New Haven and Montville operations of Olin will become a part of the new corporation.

♦ A NEW complete computer service for industrial and commercial companies has been established by Quantum, Inc., an independent research and development laboratory in Wallingford. Quantum's Industrial Computer Center is designed to provide numerous cost saving advantages of the latest computer analysis and electronic data processing for small and medium-sized companies.

The Computer Center's staff of experts specialized in various fields of engineering and design, physical sciences, data processing, market analysis, transportation, management, insurance and actuarial work, will use the computer facility to reduce masses of data to intelligible cause-effect relations; to reduce inventory by 20% through scientific inventory control technique; to optimize engineering designs to maximize production per dollar invested; and in general to produce needed information in a form desirable to management in making vital operational decisions.

Dr. Edward T. George will direct the Center's operation. He has had extensive experience in computer application to chemical plant operations and industrial design problems.

♦ SETH H. STONER, general manager of the New Departure Division of General Motors Corporation, Bristol, has been named Hartford County vice president of the Connecticut Chamber of Commerce, according to an announcement by Joseph B. Burns, president of the state organization.

Mr. Stoner has been associated with General Motors since 1929. He joined New Departure in 1935 and became its general manager in 1957.

♦ THE ELECTION of Walter E. Froehlich to the newly created post of executive vice president of Dictograph Products, Inc., Danbury, has been

INDUSTRIAL VOICE AND SIGNAL PAGING

HOSPITAL NURSE'S CALL

SCHOOL PROGRAMMING AND COMMUNICATIONS

BUSINESS INTERCOMMUNICATING DIAL TELEPHONE

TWO-WAY SPEAKER INTERCOM SYSTEM

BUSINESS MUSIC

Communications in Connecticut

DuKane Sound Paging Systems
 DuKane Flexifone Intercom Systems
 DuKane Nurse's Call Systems
 DuKane Plant Music Broadcasting
 Kellogg Automatic Telephone Systems
 Wheelock Code Call Signals
 Altec Lansing Theater Systems
 Specialists in Church Sound Reinforcing Systems

TEL-RAD

INCORPORATED

Since 1946



Sales, service and installation throughout Conn., Western Massachusetts and Eastern N. Y.

TEL-RAD INCORPORATED, 592 New Park Ave., Hartford 10, Conn., Phone AD 6-2388

Please send information on _____

Name _____

Company _____

Street _____

City _____ State _____

announced by Malte J. Carlson, president.

Mr. Froehlich was formerly vice president and a member of the board of directors of Associated Spring Corp., Bristol.

Dictograph, a 59-year old manufacturer of Accousticon hearing aids, internal communications equipment, fire alarm systems and electronic and electrical equipment for the U. S. Government, moved its main plant and national headquarters to a modern facility on Shelter Rock Road in March.

■ OLD SAYBROOK has been chosen as the site of a new million-dollar plant of Cramer Controls Corp., which now employs 330 workers in plants at Centerbrook and Essex.

Cramer President Peter F. Brophy said ground breaking is planned for the spring with the expectation that a part of the plant will be ready for use in the fall. The structure will be completed in the summer of 1963.

◆ WILLIAM J. PIERCE has been promoted from controller to vice president of the Burmeister & Wain American Corp., Mystic.

The parent company, Burmeister & Wain of Copenhagen, Denmark, is the world's largest manufacturer of

marine diesels and Denmark's largest corporate enterprise.

Mr. Pierce joined the company in 1954 as an accountant and became controller when the firm bought out the Lathrop Engine Co. and moved to Mystic in 1957.

◆ RUSSELL F. ROBERTS has been named to succeed Harry E. Norton as general manager and superintendent at the Mason Silk Co., Winsted. Mr. Norton's retirement became effective early in March.

Mr. Norton has served as vice president and secretary of the firm, as well as being superintendent and general manager. He also served as a director of the Association from January 1, 1956, through December 31, 1959.

◆ ROBERT S. WALLACH, president of the General-Gilbert Corp., Winsted, has announced the appointment of Leo V. Moritz as executive vice president of the corporation. His duties will include overall supervision and responsibility for both adding machine and clock divisions.

Mr. Moritz was born in Holland and came to the United States in 1929 to attend Yale University, where he majored in engineering and economics.

He had been director of production

of American Enka Corp., and director of manufacturing of Bigelow Sanford Carpet Co. More recently, he operated his own management consultant service, specializing in problems of production and factory management.

◆ THE DOW Chemical Company began operations recently in its new million dollar latex manufacturing plant at the Allyn's Point Division, Gales Ferry.

The plant, a complement of four buildings, houses 12 employees who will work three shifts during the initial phase of operations. Dow operates four other latex plants in the United States and Canada, with a new one under construction in The Netherlands.

The finished latex product will be shipped in drum lots by tank cars and tank trucks to users in the paper, textile and paint industries.

■ ANNOUNCEMENT has been made by John O'Rourke, personnel manager of the Eagle Lock Corp., Terryville, that the Penn Akron Corp., parent firm of the company, is moving its operations in Woodside, Long Island, to the Terryville plant.

Penn Akron Corp. manufactures various types of hardware, such as cabinet handles, pulls and hinges.

SAVINGS LOANS CHECKMASTER
CHECKING ACCOUNT LOANS CHECKMASTER
YOUR CLASSIFIED
SAVE TIME... SAVE MONEY
Use our
Bank-Where-You-Work Plan!
The Connecticut Bank & Trust Company



Your employees profit at no cost to your company!

Our "Bank-Where-You-Work" Plan is a great time and money saver for busy employees. It enables them to make deposits in checking and savings accounts, and to arrange for, and make payments on, loans... right on the job. Installation of this important service costs your company nothing. For complete information, call or write our nearest office.



**The Connecticut Bank
AND TRUST COMPANY**

30 Offices... serving 21 Connecticut Communities

MEMBER FEDERAL RESERVE SYSTEM
MEMBER FEDERAL DEPOSIT INSURANCE CORPORATION

PURE PROGRESS



FAFNIR Develops New, Amazingly Clean Room For Assembling, Inspecting Advanced Ball Bearings

The Fafnir Bearing Co., New Britain, Conn. celebrates 50 years of progress by making advances in many manufacturing techniques. One example is the perfectly clean "white room" used for assembly and inspection of highly precise ball bearings used in delicate mechanisms. Contamination is completely prevented through an integrated system of electronic cleaning, vacuuming, air showers, rigid controls, and air conditioning that regulates pressure, humidity and temperature.

Another Triumph of Modern Air Conditioning Science

The complete air conditioning system was designed and installed by J. P. Salmini Co., Inc. engineers. They know their business . . . and how to help yours. The right combination of modern Westinghouse equipment, proper layout, expert installation, and *complete* know-how can answer *every* air conditioning need. Find out how J. P. Salmini air conditioning specialists can help you. Write or call today for complete information.

J. P. Salmini Co. Inc.

101 GULF ST., MILFORD, CONN. TR 4-6747

**AIR CONDITIONING
SPECIALISTS**



NO "NEW IMAGE" FOR US, THANKS

Seems nowadays practically everyone talks about "changing the image," "creating a new corporate image" or "giving the product a more dynamic image."

There's no such talk around Jenkins Bros.

When it comes to valves, we're as modern as tomorrow! But when it comes to a new corporate image, no thanks. Not for us. Our corporate image is nearly 100 years old, and it still suits us just fine. Here's why:

We'll Keep our Old, 1869-Model "Image" – Our Business Friends Seem to Like It

"A Fair Offer" was first published in 1869. Simple and forthright, it said that Jenkins Bros. wanted Jenkins Valves to be judged on performance. But — and this made the difference — not on performance in the average application, but rather in the very toughest one. Note that phrase, "the worst place you can find."

To us, it just naturally figures that the prod-

uct which asks for the hardest job, will also be better, longer lasting and more trouble-free in regular, run-of-the-mill applications. Makes sense, doesn't it?

At intervals we republish "A Fair Offer" just because it does make sense to so many of our customers and friends. It's a useful reminder that products may change but *high standards* never go out of style.



Jenkins Bros., 100 Park Avenue, New York 17

Jenkins Bros.

A FAIR OFFER

If you will put a Jenkins Valve, recommended for your particular service, on the worst place you can find . . . where you cannot keep other valves tight — and if it is not perfectly tight or it does not hold steam, oil, acids, water or other fluids longer than any other valve, you may return it and your money will be refunded.

Jenkins Bros.



This early Jenkins Catalog carries the famous A FAIR OFFER which has appeared in every catalog since 1869.

Public Relations

By CHARLES E. REICHE

Public Relations Director

Short Course In Semantics

♦ ONE of the most tired chestnuts with which MAC has to cope is the one that goes like this: "MAC is fine but why is it always so negative?"

What this means really is "Why don't you agree with me?"

Is MAC negative? Is, for that matter, all Connecticut industrial management negative?

This question calls for another by way of reply.

Is it negative to fight for what you believe in? Is it negative to fight to protect the best interests of Connecticut industry and, it follows, the entire economy of the state? No such a thing!!!

Were the English and the rest of us negative in fighting the Nazis 20 years ago? Are we negative now because the more sane ones among us oppose with all our souls the vile tyranny of Communism? These aren't foolish questions at all. They tie right in with what we are talking about. The fact that Joe doesn't agree with Jack definitely doesn't mean that Joe is negative. It means that Joe is willing to back up his beliefs against Jack's, especially if Jack's ideas pose serious threats to Joe's physical well-being and to his property as well.

Any individual or group, like MAC, which has fought and is fighting for the continued prosperity of Connecticut industry and all the people of the state is something much less than negative.

It is, no less, the firmest and most positive advocate of the philosophy of free enterprise and the guarantor that individual rights and liberty shall persist and flourish in this land.

* * *

What PR Can do for Industry

Rarely does a week pass that an MAC management man doesn't call in or write in asking what public relations can do for industry.

This is kind of a basic question but there's no harm in answering it as many times as it's asked.

Public relations programs in the

hands of a competent PR man or staff can

- * help present a plausible and valid picture of a company to all its publics;

- * create stature and prestige which in turn will build confidence and respect in a company's publics;

- * make companies better known within their own industry;

- * develop nationwide prestige and prominence for small companies which seek growth;

- * aid in the promotion and merchandizing of products;

- * influence the course of legislation, pro or con, on all levels of government;

- * establish good relations with shareowners;

- * create a good image of a company with the financial community

via business-financial pages of the metropolitan press and through the financial press;

- * serve as a communication arm to the management policy group, especially in the realm of labor and personnel relations;

- * pave the way for public education in the area of new corporate concepts and philosophies;

- * clarify problems whereby public resistance to a product may have developed because of prejudice or misinformation;

- * overcome the negative effects of unfortunate PR situations resulting from bad accidents or other disastrous events such as serious unemployment or dislocation situations.

Those are some of the things but by no means all.

Good public relations are not static. They go on day after day and in many cases management, with its PR people, must play things by ear. That is, Situation ABC which develops overnight may approximate Situation XYZ which occurred three years ago. But there will probably be fine points of difference in the two situations which will mean that the handling of Situation ABC may be just a subtle bit different from the way the earlier

Hotel Luxury! Motor Inn Convenience!

SCHINE *Airport* HOTEL AND MOTOR INN

for your Business and Social Guests

- All rooms and suites luxuriously furnished
- Completely air-conditioned
- Every room with radio and large screen TV
- Restaurant-coffee shop open to the public
- Sky-view Cocktail Lounge
- New swimming pool and outdoor patio
- Facilities for business meetings and functions
- All with the distinctive SCHINE touch . . .

Tel.: NAtional 3-2441 or CHapel 6-8586

BRADLEY AIRFIELD, WINDSOR LOCKS, CONNECTICUT

Serving Hartford, Springfield Area



WHAT CONNECTICUT MAKES MAKES CONNECTICUT

Manufacturers of
DRY PRESS
(STANDARD ITEMS)

FIRE BRICK
SPECIAL SHAPES
(MUD PRESS)

IN ANY SHAPE
OR QUALITY DESIRED



THE HOWARD COMPANY
250 BOULEVARD, NEW HAVEN, CONN.
SPruce 7-4447

ROBERT W. PAGE

*... Professional Insurance
Counsellor*

No Insurance Sold

—FEE BASIS ONLY

A specialist for firms with no
salaried risk manager.

Booklet available upon request.

P.O. Box 55
Needham 92, Mass.
Hilcrest 4-2314

Since 1934

FEROLETO

(An Old Name in the Steel Industry)

COLD ROLLED STRIP STEEL
Coils or lengths
QUALITY is our motto

CLOSE TOLERANCES are our
specialty

RANGES Thickness .004 to .134
Widths 3/16 to 36"

FACILITIES — Rolling, Slitting,
Round Edging, Roller Level-
ling, and Cut to Length
(We also do contract work)

FEROLETO STEEL CO., INC.

2 Main Street
P. O. Box 3344 — Barnum Station
Bridgeport 5, Connecticut
Phone — ED 5-0974 — ED 5-7911

problem was taken care of.

This is the kind of potential tur-
moil wherein a company will be blest
if it has an experienced and knowl-
edgeable PR man working for it.
Chances are all management will re-
cognize the differences between the
two hypothetical situations but the
chances are that a good PR man will
recognize quickly the best way to
handle the new situation, much quick-
er, in fact, than a non-PR type.

Public relations can do a lot for
industry, as we have said many times,
but industry must remember always
that PR is a continuing thing, not a
once-a-year concept.

Telephone Manners

Telephone company people for years
have made steady efforts to improve
the techniques of communicating by
phone. They have stressed, and rightly,
that phones can be used most ef-
fectively if we follow the rules of
good manners.

In industry, the first impression
many people get of a company is the
way in which their phone calls to a
company are handled. Thus good tele-
phone usage is an important factor in
public relations. A company with an
inept or surly switchboard operator is
off on the wrong foot right at the
start.

Here are some rules for the most
effective use of telephones:

- * Answer your phone promptly ...
at the end of the first ring if possible;
- * Talk directly into the transmit-
ter in a quiet, well-modulated voice;
- * Identify yourself when answering
and announce your department: "Mc-
Guire speaking, Personnel Depart-
ment," for example;
- * Be sure your incoming calls will
be handled in your absence; if you can,
always leave word where you can be
reached;

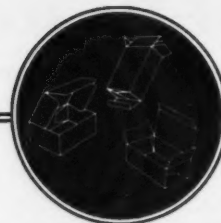
- * Place calls correctly;
- * When you are calling outside of
your own office again identify your-
self: "This is John McGuire of Zeug-
ma Incorporated;"

- * When you are calling within your
own plant also identify yourself: "This
is John McGuire in Purchasing;"

- * Be as brief as possible (this
doesn't mean you have to be curt,
which can border on rudeness) ...
very few phone conversations ordi-
narily need run more than five min-
utes;

- * End your conversation with a
"good bye" or "thank you for calling"
so that both parties know the conver-
sation has ended;

- * Try to be friendly and sincere
even if it's an effort. Your voice re-
flects your personality and that of
your company as well.



PAPER BOXES

FOLDING • BRIGHTWOOD
and
SET UP

H. J. MILLS, INC.
ESTABLISHED 1887
BRISTOL • CONNECTICUT

MUSIC BY MUZAK

*Functional Music especially
designed for industrial use.*

*Scientifically programmed to
suit your operation.*

For Particulars call or write

BUSINESS MUSIC, INC.
99 Colony Street
Meriden, Conn.

Hartford JACson 2-4380



Tell Your Story!
with
PRINTING PLATES
by

Dowd, Wyllie & Olson
106 Ann St. Hartford, Conn.



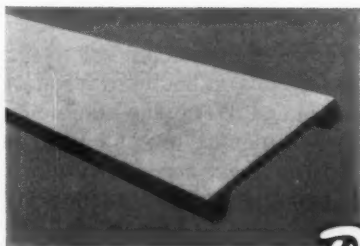
Architect and Engineer PRACK & PRACK

Contractor GEORGE F. FULLER CO.

12 acres of fireproof roof in 22 days

PROBLEM: The Wauregan, Conn., plant of AMERICAN-STANDARD posed a 550,000 sq. ft. roofing problem. The deck had to be fireproof, of course. It had to be laid during a frigid winter, when pouring concrete was impractical. And it had to fit into a reasonable cost estimate.

SOLUTION: 5' 10" sections of Plasticrete's lightweight reinforced concrete Channel Plank were installed directly on the framework at the high speed of 25,000 sq. ft. per day. Because Channel Plank is pre-cast, it was put on in spite of freezing temperatures. Besides being light and easy to handle, Channel Plank is fire-safe, unaffected by industrial fumes, non-rusting, maintenance-free. Its pleasing pattern makes an attractive ceiling — needs no painting or covering. Labor savings are substantial. Write for literature.



Plasticrete® STRUCTURAL MASONRY UNITS

The Plasticrete Corporation has divisional plants in 5 Connecticut cities:

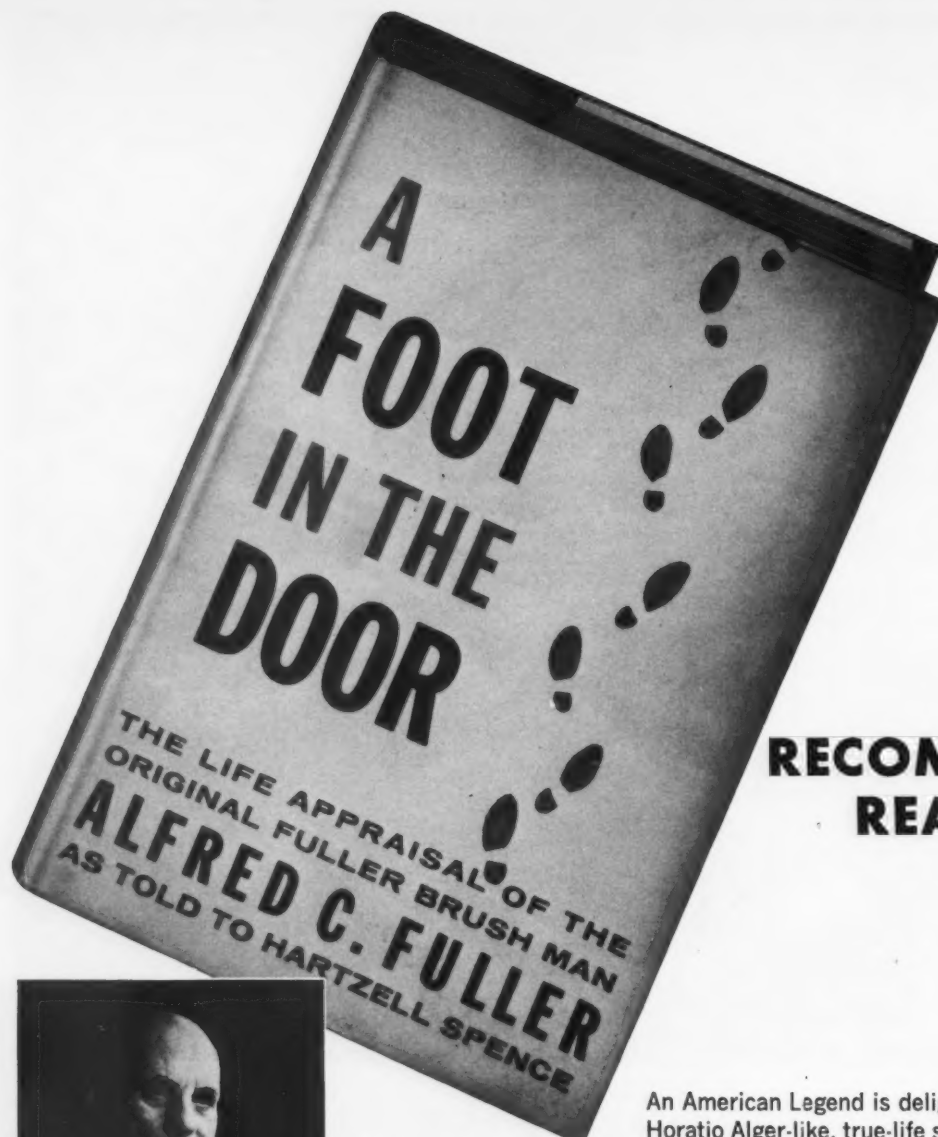
HAMDEN
ATwater
8-1641

HARTFORD
CHapel
9-6515

NORTH HAVEN
CEdar
9-1621

WATERBURY
PLaza
5-2259

WILLIMANTIC
HARRison
3-7249



RECOMMENDED READING



**The Heart-warming Life
Story of the Original
Fuller Brush Man —
Alfred C. Fuller**



Published by
McGraw Hill Book Company, Inc.
330 West 42nd Street
New York 36, New York

Advertisement by The Fuller Brush Co., Hartford 15, Conn.

An American Legend is delightfully unfolded in this Horatio Alger-like, true-life story of one of America's great industrialists. The book reveals the philosophy which has guided Alfred Fuller throughout his personal life and his fabulous business career . . . his dependence on the spiritual values learned at his mother's knee . . . his complete reliance on the Bible for every important decision.

Yet this candid look into a successful man's innermost thoughts is not a treatise in behalf of his own beliefs. Collaborator Hartzell Spence has spiced the book with all the vitality, charm and excitement of a well-written work of fiction. Warm and humorous, the book traces all the memorable events in the life of the shy, awkward Nova Scotia farm boy who became head of a \$100 million a year business he says, "in spite of my shortcomings". **A Foot in the Door** is an inspiration for all — young and old alike — evaluating the opportunities for making this a better world in which to live.

NOW AT YOUR LOCAL BOOKSTORE — \$4.50

How Would You Decide?

By LEON L. LEMAIRE

Attorney

♦ DO notice requirements for lay-offs apply to a temporary shutdown?

Here's what happened.

During his employment, the grievant experienced an abnormally high amount of lost time due to tardiness and absence. Much of this was due to illness. Nothing much was ever done about this until he was transferred to a production line job, which required regular attendance. Both the grievant and his wife (the grievant spoke very little English) were told of the necessity for regular attendance. His attendance did not improve and he was given a "final warning". Shortly thereafter the company posted a notice of a two-week temporary shut-down, the grievant's department being excluded from the notice. Later the grievant's foreman posted his own notice advising of a one-week shut-down for the department. When the grievant did not appear at the end of the one-week period, a telegram was sent to his home advising him that his services were terminated. The union protested, arguing that much confusion existed as to how long the shutdown would last, and charging a violation of the contract provision concerning lay-offs. The clause provides that: "All recalls, regardless of the nature of the lay-off, will be by telephone, telegram or usually mailed notice addressed to the employee's last known mailing address."

Must the employer comply with recall procedures in cases of lay-offs for specific short periods?

The Board in its decision upheld the union's position. They said it is true that the company has due concern over the absenteeism of the grievant, but this alone does not justify the discharge. It is also true that there was much confusion for a person who had difficulty with the English language, and this should have no real bearing on the question. The employee's rights with respect to recalls from a lay-off have been violated and it is upon this basis that the grievant's claim for reinstatement must be granted. The language of the recall clause is per-

fectedly clear, and the mere posting of the notice was insufficient. In view of the grievant's record, no back pay was awarded by the Board.

What constitutes a "legitimate reason" for separation from work?

Here's what happened.

The grievant had complained of pain in his back and had been granted a sickleave. When he returned, the company doctor limited his weight effort to 30 pounds while his personal physician had given him a completely clean bill of health. Shortly after he returned to his old job, the company terminated him on the grounds "that any job available exceeded the weight factor allowed this employee." The company supports the position indicating that a proper concern for the physical well-being of its employees

required separation for physical reasons. They argued that standard requirements in the grievant's department would continue to expose him to weights far in excess of his limit. The company cited many cases to support their position that employees must be able to meet the physical demands of their jobs. The union, on the other hand, contends the grievant in fact was working on a job requiring no heavy lifting whatsoever, the entire assembly weighing only 9 pounds. Further, they argued that his own doctor certified he was fit to return to work without restriction. They also say that a lay-off at this time would jeopardize his chances for obtaining any employment. The contract provision invoked here gives management the right to "relieve employees from duty because of lack of work or for other legitimate reasons."

Is physical condition alone a "legitimate reason" for separation?

The arbitrator ruled that the company did not have the right to lay off the grievant. First, he said, "legitimate" means "conforming to recognized standards" and the key principle of justice is due process. In his opinion, the action was "precipitate and not justified by the facts." Dur-

Can KIMPAK solve your packaging problem?

We couldn't begin to answer without knowing your specific problem. We do know that Kimpak Interior Packaging is being put to work profitably. It is providing a vital cushion between profit and loss. If safe shipping is important to you, chances are Kimpak can be put to work—profitably for you.

Send for actual test statistics and judge for yourself whether it might be worth considering for your plant. No obligation, of course.

THE ROURKE-ENO PAPER CO., INC.

NEW HAVEN — HARTFORD — SPRINGFIELD

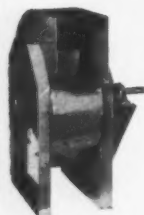
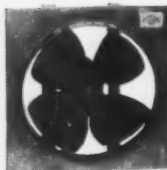
COLONIAL

Industrial Ventilating and
Dust Collecting Equipment



BELT
DRIVE
PROPELLER
FAN

DIRECT
DRIVE
PROPELLER
FAN



MATERIAL
FAN
HANDLING

We specialize in the design, manufacture and installation of complete dust collecting, ventilating, fume removal and conveying systems for industry.

*Our engineering staff
is at your service.*

Write or Phone

**THE
COLONIAL BLOWER CO.**

54 Lewis St.

Plainville, Conn.

Phone Sherwood 7-2753



ing the hearing the union established that the grievant was doing work which did not require physical demands; the personnel assistant made only a cursory inspection of the job requirements; the termination was based upon a "spectre of contingent liabilities"; the grievant had not refused to carry out any duties assigned and had a favorable prognosis. Under the circumstances it cannot be found that management's decision was based on "legitimate reasons", that is "conforming to recognized standards" of justice.

What must an employer show to support a demotion for inefficiency?

Here's what happened.

The grievant, a newly hired employee, had been placed on a drill press operation. The operation is classified in labor grade 9. After several months on this job and after a disqualification hearing, the company demoted the employee to labor grade 10. The demotion was based upon the grievant's record card, which indicated a series of warnings for improper conduct. The entries on the card read as follows: "He was spoken to in regards to stopping 1/2 hour before time to clean up." and "Spoken to in regard to low production and inability to do job." There were other entries with similar remarks and this was signed by the foreman. The union contends the demotion was unjustified since the entries did not specify that the foreman spoke to the grievant about his shortcomings. The grievant testified that he received a warning shortly after he was hired and was part of a larger group talked to about efficiency. The foreman was not available for clarification. The only contract clause in question simply stated: "No employee shall be demoted without just cause."

What elements will support a demotion for inefficiency?

In his decision the arbitrator pointed out three factors which must be proved before a demotion is proper. First, it must be shown that the employee was inefficient. Secondly, the company is obligated to advise the employee what is expected of him with respect to performance. Lastly, employee is entitled to sufficient warning that his work is not satisfactory. The arbitrator found that the first element had been met, in that a comparison of the performance of fellow workers showed the grievant to be inefficient. This method of measuring performance, he said, was proper. The company failed, however, in the last two requirements. No evidence was offered to show that the grievant had been told what he was expected to do, and there is some doubt that proper

warnings had been given of his poor performance. The arbitrator ruled the demotion was improper and the grievant should be reinstated to the higher classification.

Metered Heat and Cooling By Hartford Gas Co.

(Continued from page 9)

underground and all except the return line for chilled water will be insulated and the system will be cathodically protected. Both steam and chilled water will be metered so that customers pay only for what they use.


The pipeline system initially will run from the plant that faces Whitehead Highway, up Arch Street and over Prospect Street to the new buildings in Constitution Plaza and back to the plant. Its total length of piping will be 14,400 feet, or 3,600 feet for each of the two supply lines and each of the two return lines.

In the opinion of Hartford Gas Company officials the present plant and pipe lines are only the beginning, for the original planning envisions the expansion of the plant to service additional old and new buildings which will require a plant with a steam capacity of 225,000 pounds per hour and a cooling capacity of at least 10,000 tons. Among the new buildings the company expects to service are those to be erected in the Bushnell Plaza and Riverview projects, which should be completed within the next ten years.

In addition to saving space and capital expenditures for boilers and refrigeration equipment for building owners, through its central piped-in heating and cooling service, the Hartford Gas Co. expects to improve its long-term growth and earnings position. Not only will the company profit by selling more utilities services, but its net profit should be increased because the cooling facilities will tend to even out the peaks and valleys of summer and winter operation which have always plagued gas utility companies. With a known and expanding cooling load to meet, the company will be able to even out the summer valley and improve the overall load factor which, in turn, will improve the company's purchasing position with natural gas suppliers.

In effect, this pioneering venture by the Hartford Gas Co., taken after long and careful studies by a prominent firm of consulting engineers, will provide not only an ultra-modern service to match the rebuilt downtown section of Hartford, but will also give assurance of the company's prosperity and growth.

Dolan Pushes A Button And Puts An End To Your Scrap Loss!



This man is about
to SLASH
Your
RESQUARED
STEEL
BLANK
COST
by
20%
through
DOLAN'S

RESQUARE MAGIC

DOLAN STEEL Company Inc.
810 Union Avenue, Bridgeport 7, Conn.

Shown at the left is our new brochure, available on request, which tells the story of *Resquare Magic*, Dolan Steel's new shearing operation. This marvel of precision engineering and design delivers resquared blanks from 28 through 14 gauge stock at the rate of 3,600 per hour with a resquared tolerance of $\pm 1/64$!"

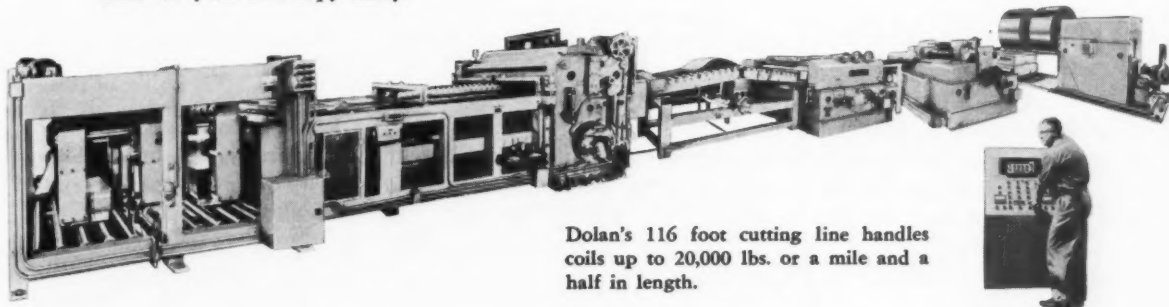
What does this mean to you?

If you're now resquaring your own blanks from sheets, your scrap loss on your primary blanks probably ranges from 15% to 21% of the delivered price of your metal. This means that no matter how efficient your use of it, this scrap costs you approximately \$7.60 per cwt. on cold rolled steel sheets.

Shearing from coils, Dolan's Resquare Magic reduces scrap loss to an absolute minimum and passes the savings on to you. Further, you always get *more steel for your money* because you can specify your gauge on the low side at Dolan.

Take a close look at your own resquaring costs, then check Dolan's quotation on your exact size and quantity of resquared blanks. It's the smart way to save real money!

The truth about scrap loss—and how Dolan's Resquare Magic trims it to a minimum. You'll find the full story in this comprehensive brochure. Send for your free copy today!



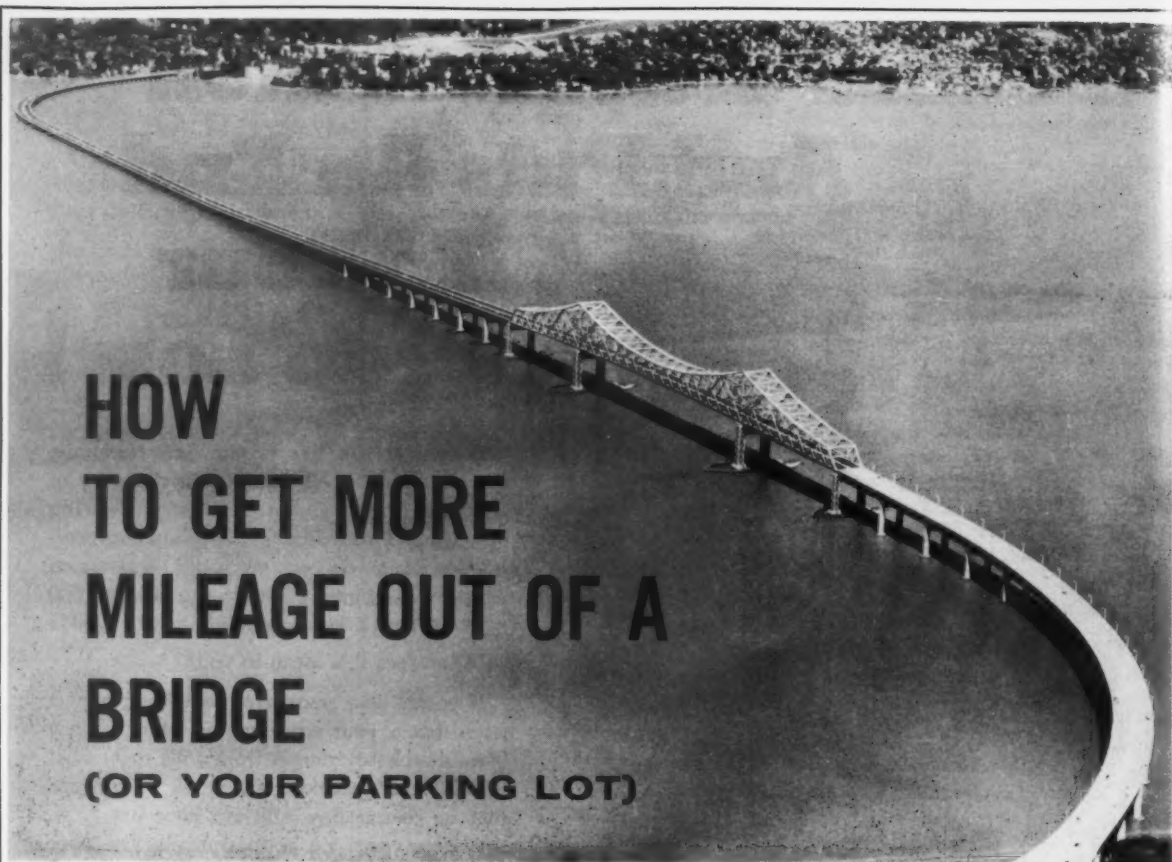
Dolan's 116 foot cutting line handles coils up to 20,000 lbs. or a mile and a half in length.

DOLAN STEEL Company, Inc.

810 UNION AVE., BRIDGEPORT 7, CONNECTICUT • Telephone EDison 5-8173

The Northeast's Largest Processor of Low Carbon Strip and Sheet Steel Exclusively

TEN POUNDS OR A MILLION!



HOW TO GET MORE MILEAGE OUT OF A BRIDGE (OR YOUR PARKING LOT)

When the New York State Highway Department engineers tackled the problem of protecting the concrete deck surfaces and cutting maintenance costs on the Tappan Zee Bridge, they specified Jennite J-16 . . . and accepted no "or equals" (having learned from experience that Jennite offered the only practical protection against disintegration by road salts and weather).

We were awarded the job of applying a Jennite non-slip sand slurry seal to the two-mile, six-lane deck — and did it in 10 working days, keeping five lanes open to the 25,000 cars that use it each day. All told, 25,000 gallons of Jennite were used to seal the concrete and supporting steel against road salts.

An overlay of asphaltic concrete went on next, and this will be topped off with Jennite and coarse aggregate as a final tough, non-slip protective seal in 1961.

The Tappan Zee Bridge was a big job — and we're proud that we were selected to handle it. But we'll be glad to protect your parking lot, too! Why not call us for an estimate? Remember — Jennite protects pavement against oil, gas, salts, acids, weather — cuts maintenance costs — doubles the life of your pavement!



**COPELAND
COMPANY, INC.**

381 STATE STREET
CONNECTICUT

NORTH HAVEN
telephone Chestnut 8-4479

Accounting Hints

Contributed by

The Hartford Chapter National Association of Accountants

Deferred Compensation Contracts

♦ THE following plan was recently entered into by a well-known company. The ABC Company has five key executives through whose efforts, both individually and collectively, the company has prospered. The company feels that the loss of any one of these executives to a competitor might adversely affect its future. For this reason the company has a desire to retain these five executives in their employ. The company has a pension plan but the executives do not believe this alone will compensate them sufficiently at retirement. Any adjustment of the pension plan so that sufficient compensation might be paid would prove very costly to the company. As a result, the ABC Company entered into a deferred compensation contract with each of the five executives. A summary of the present earnings and future earnings under such contract is shown below:

Executive	Present yearly salary	Years remaining to age 65	Future part-time employment yearly salary (10 years)	Future yearly payments in event of death (10 years)
A	\$170,000	4	\$60,000	\$30,000
B	75,000	4	30,000	20,000
C	75,000	7	30,000	20,000
D	75,000	7	30,000	20,000
E	50,000	10	20,000	15,000

It will be noted from the above that there are two types of employment covered by the contract. Present employment is considered full-time employment while that period generally considered to be after age 65 or 68 is considered part-time employment. No mention of the term retirement is made in these contracts as one of the basic principles of the contract is that it is an employment contract calling for full-time as well as part-time employment. The period of part-time employment is limited to ten years after the completion of full-time employment. Similar contracts have been entered into by other companies providing for part-time employment for life but tax counsel for the ABC Company felt that a limited period of part-time employment would have a better chance to stand up for tax purposes than would the life arrangement. Age 65 is the optional age for the completion of full-time employment while at

age 68 the transfer to part-time employment is mandatory.

The part-time employment portion of the contract is contingent upon the individual making himself available as a consultant, agreeing not to enter competition after completing full-time employment and agreeing not to invest in a competing organization. The reason for making the part-time portion of the contracts conditional is an attempt to prevent the taxing of the total amount of part-time employment compensation in the year full employment ceases. Further, if the services after full-time employment are not realistic, the Internal Revenue Service may attempt to tax the individual on the commuted unpaid compensation at the date of completion of full-time employment.

The contracts also provide that in the event of death payments in a re-

duced amount will be made for the balance of the 10 years. Apparently it was felt that the tax status of the contracts would be strengthened by reducing payments made after death.

Under the contracts the ABC Company has a contingent maximum liability for future part-time employment amounting to \$1,700,000.

The deferred compensation contract has not yet faced the test of time. Comments from company's tax counsel were generally along the lines that the proposed contracts were similar to contracts which had been entered into by a large number of companies and that no two plans were alike and some were more doubtful than the plan under discussion here.

One tax question which should be considered in connection with contracts of this nature is whether they may jeopardize the company's pension plan. An inquiry indicated that the Internal Revenue Service still con-

MORRISSEY & CHENEY

Insurance

GERARD MORRISSEY
BENJAMIN CHENEY
E. LEONARD CLARK

INSURANCE CONTROL

FOR
INDUSTRIAL AND COMMERCIAL
ACCOUNTS

9 Lewis Street, Hartford, Conn.

RUDDER Window Cleaning Inc.

Window Cleaning
Light Fixture Cleaning
Vacuum Cleaning
General Cleaning

*One of Connecticut's largest
cleaning companies covering
the State*

28 Sterling St. Hartford
JA 7-3171

ADVANCEMENT OPPORTUNITIES INC.

personnel consultants

Specializing in
**EXECUTIVE
ADMINISTRATIVE
ENGINEERING
SALES**
recruitment & placement

ROY T. ELLEGARD
President

15 Lewis St., Hartford
JA 5-0600

WHEN YOU'RE IN THE MARKET FOR...

Hand or Power Hack Saw Blades
Band Saw Blades • Hole Saws
Flat Stock • Mist Cooling Systems

remember the brand name that stands for **QUALITY, PERFORMANCE and ECONOMY**



Buy From
MILFORD

Distributors...



they are businessmen who are organized to help you: **SAVE TIME...** through local availability. **CUT BUYING COSTS...** with single-source purchasing. **REDUCE INVENTORY...** because they stock for you.

THE HENRY G. THOMPSON & SON CO.
Saw Specialists for Over 85 Years
NEW HAVEN 5, CONNECTICUT
also manufacturers of the
MILBAND Band Saw Machine Tool

1 man does the job of 3



...cleans IN
disinfects 1
deodorizes STEP

Cuts your labor costs by 50%

In the same operation, Briteway removes dirt, kills bacteria, banishes offensive odors... Takes only one cup to pail of water to make abundant suds... Works in hard water... Leaves refreshing aroma (no "disinfectant" smell)... Applied with mop on floors; sponge, cloth or brush on toilet seats, tile, walls... Priced below competing products which do not compare... For information write Dolge.

For free sanitary survey of your premises ask your Dolge service man



sidered payments of this nature outside the scope of the pension plan.

In commenting on suggestions for segregating assets or financing the plan with annuities, tax counsel for the company said: "The suggestion that the ABC Company segregate cash is, in my opinion, silly, and the suggestions regarding the purchase of annuities or life insurance by the company are almost as bad. These provisions would accomplish nothing except to give the Internal Revenue Service something to point to for assistance in contending that the whole plan was for tax purposes."

Further comment on these contracts by tax counsel was to the effect that the contracts would be much stronger from a tax point of view if the payments were to stop in the event of death. However, his opinion would seem to be that if the payments continue to the beneficiaries after death this fact alone would not upset the tax position.

In the event of death of the individual there would be includible in his estate the commuted unpaid compensation receivable by the beneficiaries under the contract. The beneficiaries would be obliged to include in taxable income the payments in the year in which they are received. The estate tax attributable to the inclusion of such compensation in the estate would be allowable as a deduction in determining the income of the beneficiaries.

The matter was also discussed with the Securities and Exchange Commission. At a meeting with the Commission in Washington, they agreed to the recording of 50% (being the estimated liability net of taxes) of the total contracted liability. This to be taken up annually on the basis of the relation of the number of months being reported on to the total number of months from the date of the signing of the contracts to the respective dates of completion of full-time employment. On such basis the annual charge to income will amount to approximately \$150,000 for the next four years. No deduction for such charges would be allowed for income tax purposes. It is anticipated that the payments actually made to the executives or their estates will be allowed to the company in the year of payment.

It is possible that the omission of any provision for future liability under the contracts would improve the tax position. However, it was decided that the booking of the provision in itself would not necessarily upset this tax position.

The charge to income of \$150,000 a year was not in itself considered significant but the possible liability of

\$1,700,000 appears so and therefore a footnote will be added to the financial statements submitted to stockholders. The plan will no doubt be described in some detail in the proxy statements submitted to stockholders.

Fafnir's First Fifty Years

(Continued from page 8)

German ball bearing imports abruptly cut off, the young company produced substantial quantities of bearings for trucks, tanks and other military equipment. In World War II, Fafnir took the lead in providing ball bearings for the all-important air arm of the fighting forces. Millions of Fafnir bearings were also produced for land fighting equipment, sea and undersea craft as well as industrial machinery needed for war production.

In the present era, as America's armaments become increasingly intricate, and as we move rapidly into the space age, more and more dependence is placed on bearing components capable of withstanding conditions of speed, load and temperature never before approached by previous applications.

Foreseeing this requirement, Fafnir early made the decision to apply its knowledge, experience and engineering skill to the solution of problems vital to America's future position as a world power. It has since concentrated its major efforts on a large-scale pioneering approach to the development of bearings that would meet every conceivable test and keep pace with the constantly growing demands of the new sciences and accompanying technology.

It is interesting to note, for example, that each jet plane requires as many as 2,000 to 3,000 bearings of various types to support the framework, instruments, controls and powerful engine constituents.

In summary, Fafnir's productive capacity, as well as its diversity of products, stands today at the greatest peak in the company's history. As a leading manufacturer of a vital component, the company is conscious of the demand and need, on the part of America's key industries, for constantly improving reliability of materials and parts entering into the manufacture of products ranging from missiles to compact automobiles.

Research To Meet Future Challenges

In addition to its own research, the company is sponsoring, aiding, guiding and encouraging in every way possible the research activities of other in-

dustries, government agencies, schools, colleges and commercial laboratories.

Conventional bearings have been found unable to withstand the extreme heat exposure and other requirements of certain precision applications. For these, Fafnir plans new components for gas and air bearings with high thermal stability, and tolerances expressed in millionths of an inch, to assure the utmost precision in function and in the fitting of parts.

In general, metals, ceramics and lubricants now in the development stage at Fafnir and elsewhere are designed to enable machines, engines and instruments utilizing ball bearings to accomplish tasks never before possible.

In announcing plans for the celebration of Fafnir's Golden Anniversary this year, Clarence G. Rosensweig, vice chairman of the board, paid tribute to the company's founders, who "despite early obstacles", he asserted, "established the company on a firm footing and charted the way for an outstanding business success story.

"We recognize," he said, "that it will be difficult to duplicate this past progress in the future. Nevertheless, as we approach the beginning of the next 50 years, we welcome the opportunity for continued growth in a dynamic industrial age. We have a solid foundation on which to build and, within the range of our capabilities and the times in which we operate, we intend to match the success of our forerunners."

Trained to Raise Hell In America

(Continued from page 17)

The Academy of Red Professors with a seven-year course is scholarly and philosophical. It is for heavy thinkers and high-browed evangelists of Communism with little appeal for less sedentary Americans.

School for Secret Police

On an equally high pedestal above the other schools for world revolution is the supersecret Kirov Academy in Leningrad. It is under the MVD or secret political police. Only candidates who have proved their do-or-die stamina enter its classes. It teaches higher level underground work and how to organize a police force which can control a nation, even its army, and keep the Communist party in power. Its alumni are active in both Hungary and Greece.

By fostering so-called liberal schools in American cities, some formerly under party names, selected students can

be instructed in revolutionary tactics. Summer camps with intensive courses are even safer from intruders. A goodly portion of some 20,000 graduates of these schools become converts to Communism or sympathizers.

With the American schools, the International Lenin School in Moscow has become less essential for the program in the United States. It does, however, continue as a goal or finishing school for the hopeful young party member or graduate of the American

classes.

The Soviet schools for foreigners are not too alarming when they are stripped of mystery. It would be well to know their 800-odd American alumni, also their instructors and what secret plotting is behind the formal handshakes over a conference table or the clink of cocktail glasses at a banquet board. It also will help when they know what we know—an interesting long-range job for our State Department and F.B.I. (Written in 1947!)



1961 AWARD WINNER

PRESENTED TO ROBERTSON PAPER BOX CO.
AND SYLVANIA ELECTRIC PRODUCTS INC. AT
THE ANNUAL COMPETITION
OF THE FOLDING PAPER BOX
ASSOCIATION OF AMERICA.



**FIRST AWARD . . .
best example of
potential new volume use**

- Bright new Color-Packs... incorporate a new color coding concept for rapid wattage selection and maximum merchandising impact.
- For the finest in creative packaging and unexcelled service call . . .

ROBERTSON PAPER BOX

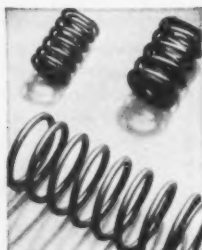
COMPANY, INCORPORATED
MONTVILLE, CONNECTICUT

NEW YORK OFFICE 420 LEXINGTON AVENUE

End your search for SPRINGS, small stampings, wire forms



COMPRESSION SPRINGS
Special Shapes
Variable pitch

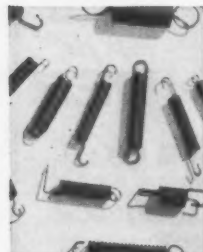


COMPRESSION SPRINGS
Regular, Double

The capacity of our springmaking minds and machines is unlimited. Put this valuable experience to work on your springs, wire forms, small stampings, in a wide variety of metals. Contact us for design help, quotations or experimental work. Write for free technical information on any specific problem.



VOLUTE SPRINGS
Coned end



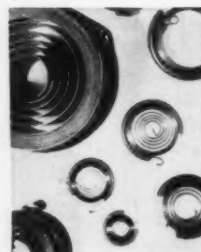
EXTENSION SPRINGS
Special Hooks
and Loops



EXTENSION SPRINGS
Swivel End
Drawbar



TORSION SPRINGS
Single, double
Edge wound



POWER SPRINGS
Clock or Motor



FLAT SPRINGS
Arched, Curved-beam
Elliptical



**CLIPS, CLAMPS
and COLLARS**



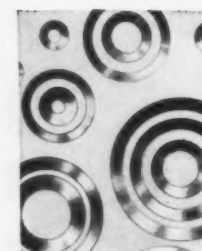
**FASTENERS and
RETAINERS**



HAIRSPRINGS
for Instruments
Gauges, etc.



SPRING WASHERS
Wavy, Star, Finger,
Expander, etc



BELLEVILLE SPRINGS
In Series, Parallel
Parallel-series



DIAPHRAGMS
Discs, Plates



PLUS
COLD-ROLLED
SPECIALTY STEEL



Wallace Barnes Division

Bristol, Connecticut

and Syracuse 9 (Solvay), N. Y.



**Associated Spring
Corporation**

Business Tips

By CHARLES E. LEE

Marketing Department
University of Connecticut, Storrs

Some "Tips" On Our Mobile Market

♦ Every year the Travel Industry expands. People in all income classifications apparently make more trips, stay longer, and travel farther; this is true especially of middle and upper income groups. As a result, in many parts of the country, there has been a rapid development of resort facilities, motels and eating places, gasoline stations, and commercialized attractions, from bathing beaches and boating to golf courses and guided tours. Collectively these groups spend over 100 million dollars a year in magazine and newspaper advertising alone. Business-wise, this is all to the good and, undoubtedly, there is never too much of a good thing.

A recent survey (1957) by the U. S. Department of Commerce shows that for the nation as a whole about 40% of all trips,¹ made by Americans, take place in the months of July, August, and September. The general level of travel during these three months (the summer quarter) is roughly double the average of the two winter quarters and about half as much again as the April-June period.

But strange as it may seem, there is little change from quarter to quarter (seasonal variation) in either the number of business trips or the number of trips made for purely personal reasons. Together, they add up to approximately 16 million for each quarter of the year. Seasonality, therefore, is evidenced primarily in the "visiting" and "vacationing" categories. (See Table I and Chart I)

In terms of the *base period*, the number of Business trips shows a slight increase in the second quarter with somewhat larger percentage decreases in the third and fourth; similarly ventures for personal reasons show small percentage variations from quarter to quarter. The number of visits, to friends and relations, however, rises to a peak 90 percent above base, in the third quarter, while vacation trips increase more than 560 percent in the same time period.

When the number of trips is weighted by the number of days taken for the venture, however, an appreciable seasonality appears for all types of trips. (See Chart II)

Table I
Seasonal Variation in Travel, in the United States
Number of Trips, 1957

Reason For Trip	Trips	Jan. Mar.* (Millions of Trips)	Apr. June	July Sept.	Oct. Dec.	Annual Total
Business	number	11.4	11.7	10.6	10.3	44.0
	index	100.0	102.6	93.4	90.4	
Visit Friends and Relatives	number	19.3	25.1	36.8	25.6	106.8
	index	100.0	114.5	190.7	132.6	
Other Vacation	number	5.1	13.8	33.8	8.4	61.1
	index	100.0	270.6	662.7	164.7	
Other Personal	number	5.2	4.4	5.2	4.2	19.0
	index	100.0	84.6	100.0	80.8	
Total	number	41.0	55.1	86.3	48.5	230.9
	index	100.0	134.4	210.5	118.3	

* Base period for index numbers

1. The term "trip" or "round trip" involves one person either going out of town or away from the home community overnight or taking a one-day trip to a place that is at least 100 miles away. If two people take a trip together, it is counted as two round trips.


During most of the year, about two out of three journeys are for periods of from two to four days; in the summer months, however, the percentage of trips of "ten days or more", dou-

ELECTRIC IDEAS

... is the name of a four-page monthly publication containing information of interest to men of electricity — be they engineers, electricians, or contractors.

We'll be happy to send the current issue to you, on request.

WIREMOLD®
THE WIREMOLD COMPANY
HARTFORD 10, CONNECTICUT

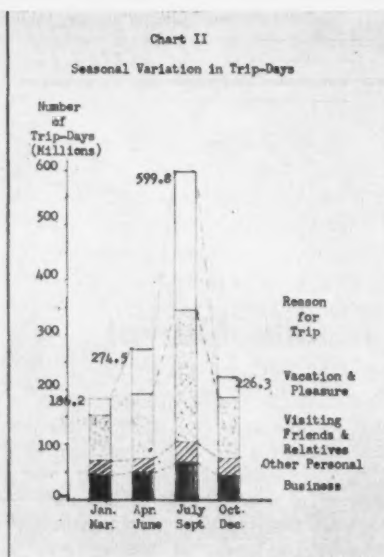
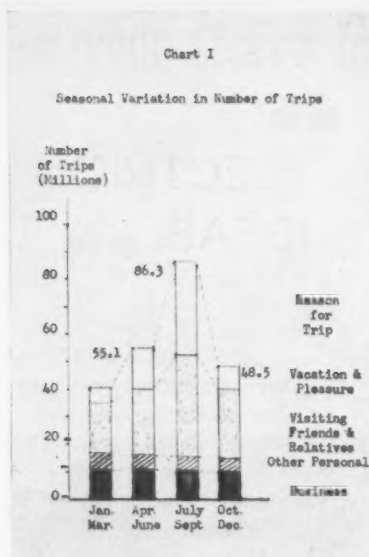


**A COMPLETE SERVICE
FOR THE
PRINTER AND ADVERTISER**

- ARTWORK AND PHOTOGRAPHY
- ALL TYPES OF PHOTOENGRAVINGS
• INCLUDING POWDERLESS ETCHED PLATES
- NEGATIVES FOR OFFSET AND DYCRIL

**THE WATSON CHENEY
PHOTOENGRAVING CO.**

20-30 BEAVER ROAD
WETHERSFIELD 9, CONNECTICUT



bles*; while a substantial increase also occurs in the proportion of trips taking from 5 to 9 days* of travel time. (Table II)

longer, when they go. This is evidenced by the larger percentages under total "trip-days"* as compared to total "trips," in Table IV.

Table II
Length of Trip in Days, as a percentage of Total for the Period.

	Jan. Mar.	April June	July Sept.	Oct. Dec.	Total
1. One Day	7	7	5	7	6
2. 2-4 Days	72	63	50	68	61
3. 5-9 Days	13	21	27*	17	21
4. 10 Days or More	8	9	18*	8	12
TOTAL	100	100	100	100	100

Apparently, in the summer time not only business and vacation trips but those taken to receive medical attention, to attend funerals or for other non-pleasure purposes, are of greater duration. Travelers tend to "linger longer," apparently, when the weather and other influences are congenial.

In the two winter quarters, while travel for business purposes takes slight precedence over trips for vacations and other personal matters, for the year as a whole the order of importance is as indicated in Table III.

Table III
The Reasons for Taking Trips, in Order of Their Importance

	Number of Trips (Millions)	Percent of Total
1. To visit Friends and Relatives	106.8	46
2. Vacation and Pleasure	61.1	27
3. Business	44.0	19
4. Other Personal	19.0	8
TOTAL	230.0	100

A large majority of the trips made, in this country, are by automobile, (83 to 90 percent) but more days per trip are spent by persons who use public conveyances. That is, people who travel by public conveyance, stay

of the trips taken by Americans are for a distance of less than 200 miles, one way; only 4% are 1000 miles or more; 75% of the trips originating in the Northeast¹ terminate within that region; 55% of all trips end in the

state of origin; 25% consist of journeys to neighboring states; while 20% exceed these limits, only 2% have destination outside the continental United States.

Although a high proportion of persons in the upper income groups tend to travel farther and stay longer than those in lower brackets, a majority of all trips are taken by persons in families having incomes under \$6,000, while as many as 15% are taken by people with family incomes of less than \$3,000. Moreover, the majority of those who journey by rail and bus have incomes of less than \$6,000 a year, and half of those who go by plane are in the \$6,000 and under, income brackets.

Considerations Concerning the Mobile Market

According to the National Association of Travel Organizations, the American public spends from 14.0 to 15.0 billion dollars in out-of-state domestic travel alone. This is roughly 45% of the total, since 55% of the trips are terminated in the state of origin. The total travel expenditure, therefore, is estimated at from 30 to 40 billion dollars annually.

In other words servicing the mobile market is big business. It is both a responsibility and an opportunity of local and state government, as well as the merchant and the manufacturer.

Table IV
Means of Transportation (Percentages)

	Jan. Mar.	April June	July Sept.	Oct. Dec.	TOTAL Trips	TOTAL Trip-Days
1. Automobile	83	86	90	85	87	82
2. Bus	3	3	2	2	2*	3*
3. Rail	5	2	3	4	4*	5*
4. Air	4	5	3	4	3*	5*
5. Combination	5	4	2	5	4*	5*
TOTAL	100	100	100	100	100	100

American travel is basically local or regional in nature, i.e., about 60%

Government receives income locally from taxes on summer homes and other seasonal property, while at the state level it benefits from taxes on gasoline, meals and beverages, hunting and fishing licenses and licensed establishments of various kinds. It has been estimated that at least 5 percent of the vacationer's dollar goes to tax-collecting agencies. Likewise, about 25 percent goes to the retail store divided as follows: 11 percent for clothing, 4 percent for sporting goods, cameras and other equipment, 5 percent for gifts and souvenirs and 5 percent for foods and beverages. Lodging and eating places get relatively large

1. Northeast — New England and the Middle Atlantic States.

shares as do also transportation services, theaters, and a variety of amusement and resort establishments. All industry benefits indirectly from the vacation business, but those who make equipment and materials used by vacationers are especially favored.

Implications for those Servicing the Mobile Market

1. Almost 40% of the trips taken during the year are made in the winter season. This means that about this percentage of the total market is spread through the winter months with a major peak in the latter half of December.

2. Almost half of the winter trips are made for the purpose of visiting friends and relatives. This fact should be taken into consideration in appealing to this market and in catering to its needs and wants.

3. In the summer months people tend to increase the number of days of travel per trip, whatever the reason for the journey. They not only take side trips to interesting places but they also spend more time where the conveniences and services are appreciated and enjoyed. This fact undoubtedly has implications for the commercial resort especially when its expenditures for publicity are under consideration. Detailed directions for finding such

places are obviously a major consideration in getting this business.

4. Thirteen percent of all trips are by conveyances other than automobile. These travelers should not be forgotten. Their contribution is proportionally more than their numbers—they stay longer and have generally higher incomes than other segments of the mobile market.

5. Purely vacation and pleasure trips constitute about 40% of the total for the summer season, but only 27% of the total for the year. In other words, vacations constitute a major source of income in the summer quarter as well as an important source throughout the year. For the best results, publicity probably should be continuous, with careful consideration given to proper timing and seasonal variation of both media and message.

6. One way to bring more dollars to your area is to attract more tourists; another way is to keep them longer when they come. Studies seem to indicate that one of every two American vacationers leaves home with no definite destination in mind. Many of them visit New England and in doing so pass through Connecticut. The problem is to keep them when they arrive. We can sell Connecticut to the vacationer if we first get his attention, then develop his interest and focus it

on what we have to offer.

Corset Machine Sews Up New Industry

(Continued from page 11)

vision sells tubing to appliance, aircraft, electronic, agricultural and many other manufacturers. Tubing for ventilation, dust removal and maintenance is sold by the "industrial" division while "air conditioning" and "swimming pool accessories" also have their own marketing divisions.

Flexible Tubing Corporation services its many markets through nine regional sales offices; three manufacturing plants; and warehouses in Guilford; Hillside, Illinois; and Anaheim, California. The Anaheim plant includes a product design and testing laboratory while the company's Research, Design and Testing Center is maintained in its Guilford headquarters.

According to Mr. Daggett, "The tremendous acceptance of flexible tubing products has made possible new solutions to a great number of problems. Our engineering staff is constantly in correspondence with product designers around the country on this very matter. The industry is growing at a rate of 25 per cent per year, and products now being considered may speed that rate even more."

YOURS

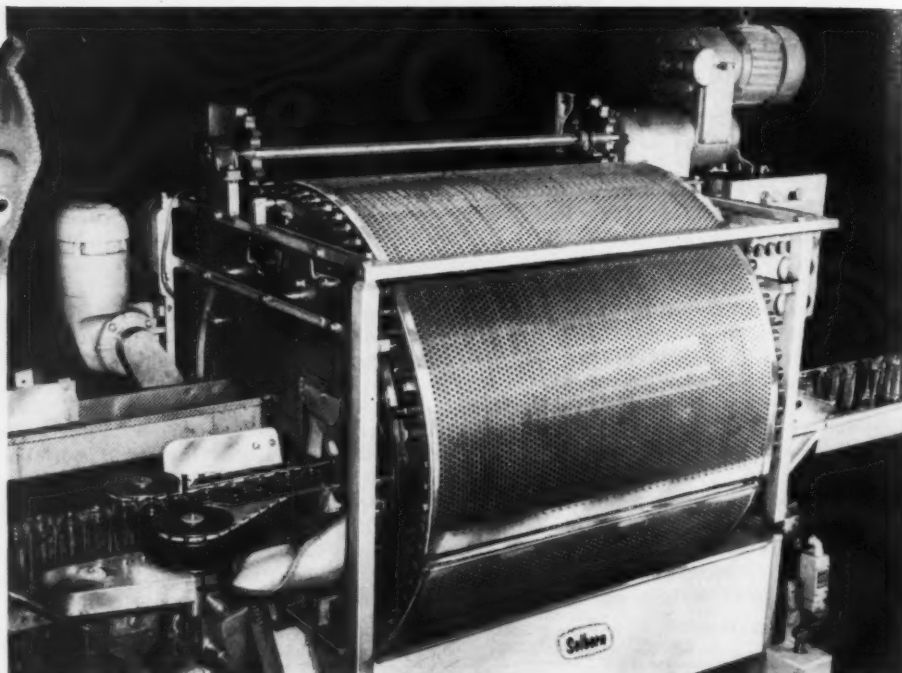
**ADD
THIS
PRECISION
PRODUCTION
TO YOUR
FACILITIES**

HARTFORD
Special

You can break production bottlenecks without investing in plant expansion or labor recruiting. Write for new bulletin describing Hartford Special's more than 50 years of service to industry in machining close tolerance components and building special production machines. The Hartford Special Machine Company 4000 College Highway, Simsbury, Connecticut.



Meet the "Pickle Packer"— Its Life Depends on Stainless Steel!



Pickles fly when this ingenious "Pickle Packer" goes into action. With unbelievable precision it packs 6,000 a *minute*—fills 18,000 jars an hour...even guarantees full measure in the bargain. Seven times faster than previous methods...it's far less costly!

Despite corrosive brine, trouble-free operation and long life pose no problem...the "Pickle Packer" is completely made of corrosion resistant stainless steel. Stainless steel protects product purity—is easily cleaned...meets sanitary codes.

Stainless steel bars, angles, sheets, plates, tubing and pipe are used in the "packer"...yet every item is shipped *from stock* by Frasse. Frasse carries every rolled form—in a wide range of sizes and analyses...has a wealth of know-how in applying stainless to *build sales*.

Think your product can use more *life*—and the built-in sales appeal of stainless steel? You'll profit by a call to Frasse.

Call FRASSE 1st
for

COMPLETE STAINLESS STEEL SERVICE

Bars	Forgings
Sheets	Strip
Plates	Tubing
Pipe	Wire
Fittings	Valves

Peter A.



& Co., Inc.



New York 13, N. Y.
17 Grand St.
Walker 5-2200

Philadelphia 29, Pa.
3911 Wissahickon Ave.
Baldwin 9-9900

Buffalo 5, N. Y.
P. O. Box 102
TR 6-4700

Syracuse 1, N. Y.
P. O. Box 1267
HOWard 3-8655

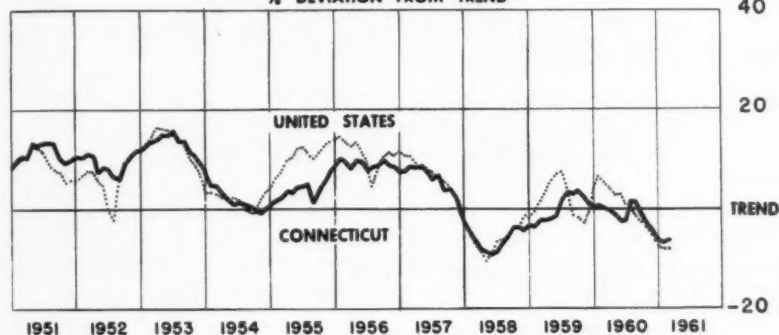
Hartford 1, Conn.
P. O. Box 1949
JACKson 9-6861

Business Pattern

A comprehensive summary of the ups and downs of industrial activity in Connecticut for the thirty day period ending on the 15th day of the second previous month.

Business Levels Out

INDUSTRIAL ACTIVITY - CONNECTICUT vs. UNITED STATES
% DEVIATION FROM TREND



♦ BOTH the state and national indexes halted their declines in February. The Connecticut Index, after dropping for six months, rose to -6.1%. Gains in manufacturing employment and average hours outweighed losses by the other two components. The U.S. Index ended an eight month slide, leveling out at an estimated -8%.

It is too early to tell whether we have reached the bottom of the current recession, but there are encouraging signs. In February, the Federal Reserve Industrial Production Index leveled off after six straight monthly declines and housing starts rose for the second consecutive month. Retail sales and new orders and sales of durable goods manufacturers picked up. In early March, new car sales were up from early February and orders for steel were showing some improvement.

On the other hand, the rise in unemployment and the decline in personal income continued in February.

Connecticut Sales Tax

In the past we have pointed out the importance of consumer spending in the U.S. Personal consumption expenditures account for about 2/3 of the nation's Gross National Product. For Connecticut, an indication of consumer spending is afforded by sales tax revenues.

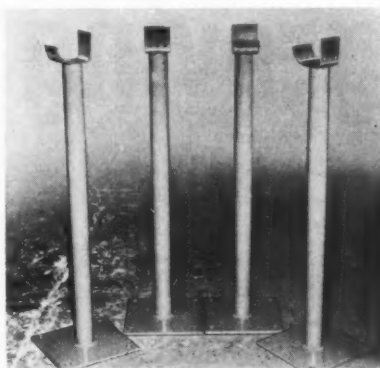
Reflecting the decline in economic activity, seasonally adjusted sales tax revenues continued downward in the last quarter of 1960, falling to \$19.4 million. This figure was about 5% below the first quarter record, but was slightly above the same period of 1959 and the earlier first quarter 1957 peak. For the year 1960, state sales tax revenues were 5% higher than for 1959.

In the U.S. as a whole, retail sales rose 2% in 1960 to \$219.6 billion. An increase in sales of non-durable goods more than offset a slight decline in durable sales. The 2% gain in 1960 was somewhat below the average yearly growth of 4% for the years 1956-59.

In view of the business recovery expected this year, it seems that sales tax revenues, along with retail sales, should reverse their downward trend during 1961.

Employment

As the preceding article mentioned, retail sales of durable goods declined slightly in 1960. The tendency of consumers to postpone durable goods purchases during a recession affects Connecticut more than the rest of the country. This is because better than 70% of our factory workforce is



Bases by STORTS — for precise fits

BASES and stands for your production equipment will work better, and work longer, if they are assembled by methods that assure high precision. Bases, rails, motor mounts, fittings, etc., must line up accurately the first time—and stay that way indefinitely—to obtain long life and top performance. You can avoid costly breakdowns and slowdowns by specifying "welding by Storts". And you'll find it costs less to depend on high-quality welding.



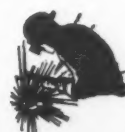
Storts Welding Company

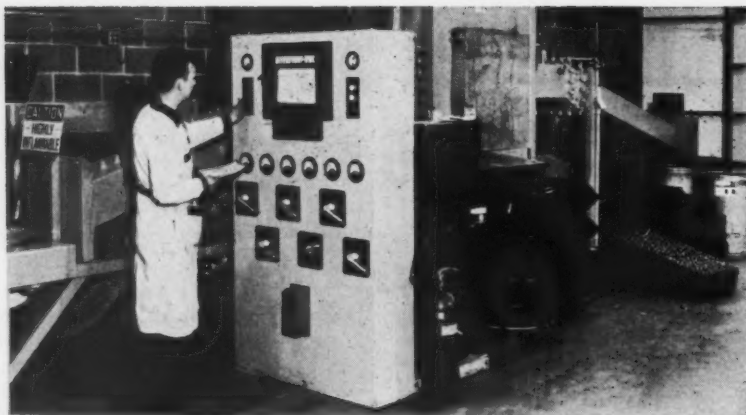
INCORPORATED

44 Stone Street

Meriden, Conn.

Manufacturers of Welded Fabrications to Specifications





INCLINED CONVEYOR FURNACE
New Heater

Get "Preferred Treatment" at CMT!

CMT gives you a better product at genuinely economical cost . . . with the right equipment . . . plus the skill and experience that gives top quality every time for every job.

Modern furnaces and instrumentation insure precision temperature and quality control for the widest ranges of tools and production parts. All material completely inspected before shipment.

- For full information on CMT "preferred" treatment, call or write today to:

Commercial Metal Treating, Inc.

89 Island Brook Avenue
Bridgeport, Conn. phone FOrest 8-2545

photoengraving

NEW HAVEN ELECTROTYPE
116 OLIVE STREET • NEW HAVEN, CONN.
MAIN 4-2166

Combined Printing Plate Services

- RUBBER PRINTING PLATES
- CORRUGATED RUBBER DIES
- COMPLETE ART SERVICE
- COMPLETE MAT SERVICE

electrotypes

employed in durable manufacturing v. 57% for the U.S. as a whole.

In this state, most of the people engaged in durable goods manufacturing work in the metal products industries. Until February, metallic employment had been in a down-trend since the beginning of 1960. Non-metallic has been pretty much level in the same period.

In the metallic field, the primary metals, fabricated metals, and machinery industries have been the big losers. Fortunately, employment in transportation equipment, our largest industry, has been fairly stable.

In the U.S., large job losses have occurred in primary metals and transportation equipment because of steel and auto cutbacks. Fabricated metals and machinery employment are also off substantially.

Capital Spending

The result of a survey of business investment plans made in January and February by the Commerce Department and Securities and Exchange Commission support the expectation of a business pickup this year. The survey indicated that the annual rate of new plant and equipment expenditures would reach a low point of \$33.8 billion in the second quarter of 1961, then rise to \$35.0 billion for the second half.


For the year as a whole, capital spending is expected to total \$34.6 billion, down about 3% from 1960's \$35.7 billion. This would be much less severe than the drop of 17% which occurred in the prior recession year of 1958.

Manufacturers as a group expect their 1961 outlays to be 2½% below 1960. Iron and steel producers are planning a 23% slash while auto manufacturers anticipate a 15% increase. Non-manufacturing expenditures will drop 3½%. Railroads anticipate a 42% reduction and public utilities (electric, gas, water) a 10% gain. As in earlier surveys, most spending will be for cost-cutting modernization rather than expanded capacity.

The second half increase in new plant and equipment expenditures should help to improve the business of some important Connecticut industries such as machine tools and hardware.

Exports and Imports

U.S. exports rose to \$20.5 billion in 1960 from \$17.6 billion in 1959. This made 1960 the best year since 1957 when shipments of oil to Europe while the Suez Canal was blocked boosted exports to \$20.9 billion. Imports for the year went down to \$14.6 from \$15.2 billion in 1959.



ARE YOU MACHINING WHEN YOU SHOULD BE SWAGING?

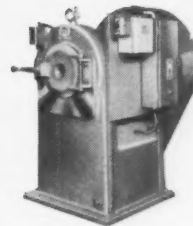
Cost conscious manufacturers are finding it extremely profitable to design the components of new products ... or redesign old ones ... for production on Fenn swaging machines. What's more, in many cases swaging makes it better. On the *money saving* side, here are important considerations. Low investments in both machines and dies, the absence of chips with resulting savings in both metal and chip handling, lower labor costs because highly skilled operators are not required, and savings in time ... for swaging is simple in operation,

whether manually or mechanically fed. On *making it better*, swaging improves the physical characteristics of the metal, imparts a high finish, maintains continuous accuracy to within $\pm .001"$, and performs many operations possible by no other method. Your nearest Fenn sales engineer can competently advise you on possible application to your product.

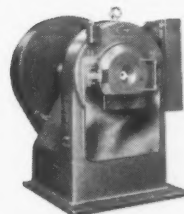


For complete guide to rotary swaging and technical data on the Fenn line, write for Catalog SM-60.

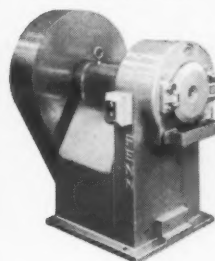
The Fenn Manufacturing Company,
Fenn Road,
Newington,
Connecticut.



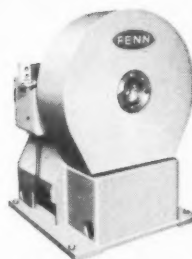
Rotary Two-Die



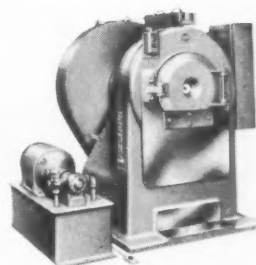
Rotary Four-Die



Long Die



Stationary Die



Hydroformer

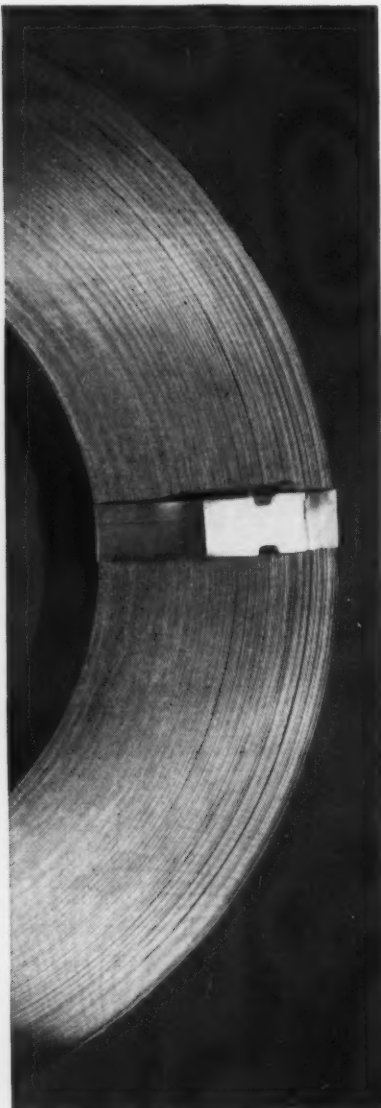
Only

FENN

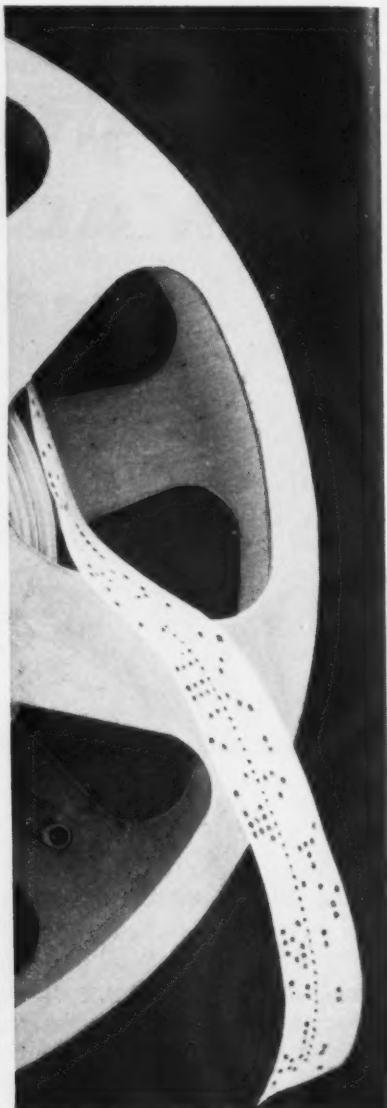
makes all types of swaging machines



Counting bottle caps, pills or tiles . . . Veeder-Root electronic counters with photo-electric input record up to a surprising 300,000 units per minute.



Operators in the remote control booth of high-speed strip mills get automatic readings of steel production on Veeder-Root electrical counters.



In industrial automation systems, Veeder-Root remote digital readout coordinates control, makes operating data instantly, constantly available.

Indicate, coordinate, automate...with Veeder-Root counters!
Now get facts fast—facts you can use for stepping up your operation, for integrating parts of it, for activating other equipment, automatically. Veeder-Root makes facts like these surprisingly economical to come by. For details, write Veeder-Root Inc., Hartford 2, Conn. **count on...Veeder-Root**

Spotlight on the Future

Contributed by National Association of Purchasing Agents

By E. F. ANDREWS, Vice President In Charge of Purchases
Allegheny Ludlum Steel Corporation

General Business Conditions

Business has turned up. A tone of optimism permeates the March reports of Purchasing Executives. This month's statistics indicate that we may have completed the bottoming-out process noted in our January report and rounded the bend toward the up side. If present trends continue to develop, the 1960-1961 recession will be shorter and milder than its predecessors.

New order and production figures show further improvement since February: new orders are reported by 32% to have increased, up from 25% last month, while only 20% point to a worsened situation, down from 29% a month ago. It is the first month since October, 1960, that the number reporting conditions better has been higher than the number reporting worse.

Production figures this month also show cause for optimism and, for the first time since October, 1960, the number reporting improvement exceeds the number reporting worsening conditions.

While a tone of optimism prevails throughout this month's report, all is not sweetness and light. A review of the remarks made by our members shows that certain industries and geographical areas continue to find little about which to cheer. However, many of those reporting downward trends qualify their figures by stating that inquiries and requests for quotations are very encouraging.

Purchasing Executives continue to keep close control on inventories, with only slight signs of willingness to add to present levels. Unemployment remains a major problem but, for the first time in many months, some improvement is noted. Prices again show some minor upward pressures. The general attitude seems to be that the improvement showing on all fronts is small but promising.

Commodity Prices

The gradual stabilization of prices, which first became apparent late in 1960, continues this month. Of the total reporting, 13% say they are gen-

erally paying higher prices for the commodities they buy, and this is the largest percentage so reporting since May, 1960. The percentage reporting lower prices decreased slightly—down to 10% from 11% in February—while 77% say prices have remained the same since February. Although some firms reduced prices almost to the point of profit elimination in order to meet competition, there are now signs of certain adjustments in pricing policy.

Purchased Materials Inventories

Inventory reduction continues but at a slightly lower rate than last month. A healthy 54% report levels the same as last month and remarks from this group indicate that they have reached bottom and are in balance. A total of 16% report that they

have added to inventories, up from 13% last month, and 30% report continued reduction. This is down from 36% in February. While the majority indicate that they are satisfied with present reduced levels, comments show they are keeping an eye on world conditions, delivery schedules, and price trends.

Employment

Perhaps the most encouraging note in the March report centers on employment statistics. A total of 12% report improvement in employment, up 6% from February. While this in itself is worthy of some note, greater significance lies in the fact that this is the first upturn reported since July 1960. A large 30% continue to report a worsened employment situation, but this is down from 42% in February.

Buying Policy

Purchasing Executives seem inclined to at least place a "toe in the water" by moderate extension of forward commitments as evidenced by their March reports. While no impulsive movements are indicated, 16% are

LOWEST PRICES

for AIR COMPRESSORS

From One of New England's Largest
Stock of Air Compressors

PROMPT DELIVERIES



Sales - Service - Trades

RENTAL SERVICE

1.5 to 600 C.F.M.
Air Cooled & Water Cooled

AIR COMPRESSOR PUMPS

Unmounted & Mounted



AIR EQUIPMENT

★ DIVISION ★

LinER BROS., INC., 681 DIXWELL AVE., NEW HAVEN, CONN.

Tel. UNiversity 5-0107

ALLEN RUSSELL & ALLEN

31 Lewis St. Hartford, Conn.

Insurance

Over 50 Years of Service to
Connecticut Manufacturers

PLASTIC INJECTION MOLDING

From Idea to Finished Product

- Engineering
- Product Design
- Low Cost Trial Molds
- Small and Large Run Production
- Personal Service
- Experience

THE

**ROGERS
MANUFACTURING CO.**

Rockfall, Conn. Diamond 6-3451

STEEL CASTINGS

From one lb. to
2500 lbs. each

Try us for fast
delivery when your
needs are urgent.

THE
**NUTMEG CRUCIBLE STEEL
COMPANY**
BRANFORD CONNECTICUT

extended for ninety days or longer on Production Materials, up from 12% last month. Those committed for sixty days or less dropped from 88% to 84%. Even the MRO category shows some lengthening, with the 30-day-or-less group totaling 73%, a drop from 79% in February. Capital expenditures also exhibit a slightly strengthened picture, with 45% willing to commit for six months or more. This increase of 6% from last month seems to have come primarily from the 90-day group.

The general lengthening of forward buying does not indicate a movement to stock-pile, however, as members continue to show great resistance to inventory increases.

Specific Commodity Changes

On the *up* side are: Copper and steel scrap, rubber, and sodium nitrite.

On the *down* side are: Corrugated containers, styrene, and miscellaneous electrical equipment.

In *short* supply: Certain cold-tar chemicals.

San Francisco Riots Part of Communist Pattern

(Continued from page 14)

ever, the soil into which the seed is planted has been prepared in many ways which are not apparent to the American people. Let us mention some of these influences here and now. First, the influence and authority of the Christian faith has been increasingly weakened in the educational process of the nation.

An Injunction

The concept of freedom has become license and anarchy instead of discipline and self-restraint. The moral foundations on which Constitutional government depends have been eroded and broken down by a kind of expediency and self-aggrandizement which destroys the inner integrity of the individual.

Second, there has been a cynical dismissal of the Communist Party as an insignificant minority in American life rather than a hard-core van-guard of the world Marxist movement, which in truth it is. This psychology of laughing off Communist strategy as the "lunatic fringe" is not unlike the blindness of other peoples who have been blase and cynical right up to the time of their downfall.

"Pride goeth before destruction and a haughty spirit before a fall." This Biblical injunction is greatly needed at this moment in our national history. The enemy is busy. We must also be busy.


SMALL DIESEL ENGINES

The Burmeister & Wain American Corporation is introducing a new line of small stationary diesel engines, rated from 6 to 36 H.P. for continuous duty. The very competitive price of these engines combined with their simplicity, low overall cost of operation make them an ideal source of power.

If your company has use for small diesel engines and would be interested in installing an engine on a trial basis, contact:

**BURMEISTER & WAIN
AMERICAN CORPORATION**

Mystic, Conn.—Tel. Mystic Jefferson 6-2637



They said it couldn't be done!
Yet loads of 1500 to 2000 lbs. or more are safely handled and shipped on lowest cost paperboard expendable pallets and bulk loading skids. More than 39 years experience. CALL

JACK WITTSTEIN
BOX 1348 • 1044 CHAPEL ST.
NEW HAVEN 5, CONN.
MAin 4-5121

CHASE



the Nation's Headquarters
for

**ALUMINUM
BRASS
COPPER
STAINLESS STEEL**

Warehouse and Mill
Waterbury 20, Conn.
CHASE BRASS & COPPER CO.
Tel. Plaza 6-9444



PRODUCTS AND SERVICES

THIS department, formerly listing only products made in Connecticut (from 1937 through 1959) is now available for listing not only products made in the state but also services available to industry through management, technical research or other service organizations located in Connecticut.

Listing rate, \$6.00 per listing for 12 monthly insertions, effective with the February 1960 issue. Listings are payable annually, in advance, or within 30 days after their first insertion.

- Abrasives**
Fuller Merriam Company, The (Vitrified, Resinoid Bonded Grinding Wheels & Segments) West Haven
- Abrasive Adhesives**
Scovill, Inc., D. & H. (for polishing metals, etc.) Higganum
- Absorbents**
Nielsen & Sons, Inc., John R. (oil, water, and grease) South Windsor
- Accounting Forms**
Baker-Goodyear Co., The Branford
- Accounting Machine Cards**
Connecticut Printers, Inc. Hartford
- Adding Machines**
Underwood Corporation Hartford
- Adhesives**
Polymer Industries, Inc. Springdale
Raybestos Division Raybestos-Manhattan, Inc. Bridgeport
- Advertising**
Eitel, Walter T. West Hartford
- Advertising Mats**
Ads Inc., Div. CSW Plastic Types, Inc. (plates, services) Rocky Hill
- Advertising Agencies**
Allston, Smith and Somphe, Inc. Greenwich
Brunelle Co., The Charles Hartford
Jumford Advertising Agency Middletown
Langel-Stevens, Inc. Orange
Moore and Co., Inc. Stamford
Robotham Co., The Edward W. Westport & West Hartford
Shenton Co., K. C. (industrial marketing) Hartford
Watson-Manning Advertising (industrial and technical) Stratford
- Advertising by Representation**
Hartz-Miller Associates Meriden
- Aerosol Containers**
Seri-Print, Inc. (silk screen decorating on metal, plastic & glass) Waterbury
- Air Chucks**
Skinner Precision Industries, Inc., Skinner-Horton Chuck Div. New Britain
- Air Compressors**
Spencer Turbine Co., The Hartford
- Air Conditioning Contractors**
Salmini Co., Inc., J. P. Milford
- Air Conditioning Products**
Dunham-Bush, Inc. West Hartford
- Air Charter**
Simsbury Flying Service Hartford
- Air Ducts**
Wiremold Co., The (Retractable) Hartford
- Air Heaters—Direct Fired**
Peabody Engineering Corp. Stamford
- Air Impellers**
The Torrington Mfg. Co. Torrington
- Air Cylinders**
Cushman Chuck Co. (rotating) Hartford
- Aircraft**
Sikorsky Aircraft Division United Aircraft Corporation (helicopters) Bridgeport
- Aircraft Accessories**
Chandler Evans Corp. (Piston and Jet Engine Accessories — Carburetors, Fuel Controls, Afterburner Regulators, Pumps, Servo-mechanisms and Protek-Plug Dehydrator Agents) West Hartford
Consolidated Controls Corp. (pressure & temperature controls) Bethel
Fenn Mfg. Co., The (Hardened and Ground Gear assemblies) Newington
Gabb Special Products Inc (filler caps—pressure fuel servicing systems) Windsor Locks
Hamilton Standard Div., United Aircraft Corp. (propellers and other aircraft equipment) Windsor Locks
- Aircraft Engine Timing Tools**
Gabb Special Products, Inc. Windsor Locks
- Aircraft Engine Details**
Amco Manufacturing, Inc. Town of East Windsor, Warehouse Point
American Standard Products, Inc. Hartford
Hartford Machine Screw Co., Div. of Standard Screw Co. Hartford
New Haven Trap Rock Co., The Machine Products Div. North Branford
Tag Alloy Welding & Mfg. Co., Inc. weldments) Glastonbury
- Aircraft Engines**
Lycoming Division Avco Mfg. Corp. Stratford
Pratt & Whitney Aircraft Div., United Aircraft Corp. (aircraft) East Hartford
- Aircraft Fasteners**
American Standard Products, Inc. Hartford
Hartford Machine Screw Co., Div. of Standard Screw Co. Hartford
Scovill Manufacturing Co. (PANELOC Aircraft Fasteners) Waterbury
- Aircraft Instruments**
Gorn Electric Company, Inc. Stamford
Lewis Engineering Co., The Naugatuck
- Aircraft Nuts**
McMellon Bros., Inc. Bridgeport
- Aircraft—Repair & Overhaul**
Airport Department Pratt & Whitney Aircraft Div. Rentschler Field East Hartford
- Aircraft Sales**
Simsbury Flying Service (Beechcraft) Hartford
- Aircraft Studs & Bolts**
American Standard Products, Inc. Hartford
Hartford Machine Screw Co., Div. of Standard Screw Co. Hartford
- Aircraft Test Equipment**
United Manufacturing Co. Division
Maxxon Electronics Corporation Hamden
- Aircraft Wire & Cable**
Lewis Engineering Co., The Naugatuck
- Alumilite Aluminum Sheets**
Leed Co., The H. A. Hamden
- Aluminum Awnings**
Norlee Aluminum Prod. Corp. Bloomfield
- Aluminum—Bar, Rod, Sheet, Plate**
Frasse & Co., Inc., Peter A. Hartford
- Aluminum Bronze Castings**
Knapp Foundry Company, Inc. Guilford
- Aluminum Castings**
Alloy Foundries Div., The Eastern Co. Naugatuck
Newton-New Haven Co. West Haven
- Aluminum Die Castings**
Mt. Vernon Die Casting Corporation Stamford
Peasley Products, Inc. Stratford
Peerless Aluminum Foundry Co., Inc. (permanent mold) Bridgeport
Stewart Die Casting Div. Stewart-Wagner Corp. Bridgeport
- Aluminum Extrusions**
Eastern Steel and Metal Company West Haven
- Aluminum Foil**
Republic Foil, Inc. Danbury
- Aluminum Forgings**
Consolidated Industries, Inc. West Cheshire
Scovill Manufacturing Company Waterbury
- Aluminum Ingots**
Batchelder Co., Inc., Charles Newtown
Lapides Metals Corp. New Haven
- Aluminum Sand Castings**
Bridgeport Deoxidized Bronze Corp. Bridgeport
Peerless Aluminum Foundry Co., Inc. Bridgeport
- Aluminum—Sheet and Rod**
Scovill Manufacturing Company Waterbury
- Aluminum—Sheets & Coils**
United Smelting & Aluminum Co., Inc. New Haven
- Aluminum Tubing**
Eastern Steel and Metal Company West Haven
- Aluminum Windows**
Norlee Aluminum Prod. Corp. (combination and prime) Bloomfield
- Ammunition**
Remington Arms Co., Inc. Bridgeport
- Anodic Coating**
Fenn Mfg. Co., The (Dow 17) Newington
- Anodizing**
All-Brite Chemical Corp. Watertown
Aluminum Finishing Co. Bridgeport
Contract Plating Co., Inc. Stratford
Leed Co., The H. A. Hamden
Stamford Polishing & Plating Corp. Stamford
- Anodizing Equipment**
Enthone, Inc. New Haven
- Asbestos**
Auburn Manufacturing Company, The (gaskets, packaging, wicks) Middletown
- Asaron Bronze**
Derby Castings Company, The Seymour
Knapp Foundry Company, Inc. (bushing & bearing stock) Guilford
- Assemblies—Special**
Custom Products Corp. Bridgeport
- Assemblies—Small**
Amco Manufacturing, Inc. Town of East Windsor, Warehouse Point
American Standard Products, Inc. Hartford
Barnes Co., The Wallace Div. Associated Spring Corp. Bristol
Custom Products Corp. Bridgeport
Grelst Manufacturing Co., The New Haven
Hartford Machine Screw Co., Div. of Standard Screw Co. Hartford
Waterbury Pressed Metal Co. Waterbury
- Audio-Visual Equipment**
HB Motion Picture Service (rental & service, projection and sound) New Haven
Victor Animatograph Corp. a div. of Kalart (16mm sound and silent projectors; 35mm filmstrip and sound slide film projectors) Plainville
- Automatic Buffing & Polishing Machines**
Harper Buffing Machine Company, The East Hampton
- Auto Cable Housing**
Wiremold Company, The Hartford
- Automatic Control Instruments**
Bristol Co., The (temperature, pressure, flow humidity, time) Waterbury
- Automobiles—Children's**
Powercar Company Mystic
- Automotive Bodies**
Metropolitan Body Company Bridgeport
- Automotive Leasing**
Motorlease Corporation, The West Hartford
- Automotive Parts**
Bridgeport Thermostat Div. Robertshaw-Fulton Controls Co. (automobile thermostats) Milford
Echlin Mfg. Co., The (Ignition & Brake Mechanical) Branford
Els Automotive Corp. (Hydraulic Power and Mechanical) Middletown
Raybestos Division of Raybestos-Manhattan, Inc., (Brake Lining, Lined Brake Shoes, Clutch Facings, Automatic Transmission Parts) Bridgeport
- Automatic Polishing and Buffing Equipment**
Packer Machine Company Meriden
- Automotive Tools**
Els Automotive Corp. (Brake Tools) Middletown
- Bakelite Moldings**
Watertown Mfg. Co., The Watertown

CONNECTICUT PRODUCTS AND SERVICES

Balls
Abbott Ball Co., The (steel bearing and burnishing) Hartford
Kilian Steel Ball Corp., The Hartford
New Departure Div. of General Motors (steel and steel alloys) Bristol
Pioneer Steel Ball Company, Inc. (steel for bearings, burnishing, graining; also brass, bronze and stainless) Unionville
Superior Steel Ball Co., Inc. (steel bearings & burnishing material) New Britain

Band Saw Machines
Thompson & Son Co., The Henry G. (automatic cut-off) New Haven

Barrels
Abbott Ball Co., The (burnishing and tumbling) Hartford
Enthone, Inc. (tumbling) New Haven
Esbec Barrel Finishing Corp (burnishing & tumbling) Byram

Baskets—Wire
Rolock, Inc. Fairfield

Bead Chain
Bead Chain Mfg. Co., The Bridgeport

Beaded Chain
Auto-Swage Products, Inc. Shelton

Bearings
Automation Bearings (ball & spherical) Bridgeport
Barden Corporation, The (ball) Danbury
Fafnir Bearing Co. (ball) New Britain
Marlin-Rockwell Corporation Plainville
New Departure Div. of General Motors (ball) Bristol
Norma-Hoffman Bearings Corp. (ball and roller) Stamford
Torrington Co., The Torrington

Bellevs Assemblies
Bridgeport Thermostat Div. Robertshaw-Fulton Controls Co. Milford

Bellevs—Metallic
Bridgeport Thermostat Div. Robertshaw-Fulton Controls Co. Milford

Bells
Bevin Brothers Mfg. Co. East Hampton
N. N. Hill Brass Co., The East Hampton

Belting
Hartford Belting Co. Hartford
Russell Mfg. Co. (High Speed Endless, Laminated Rubber, Roll Stock all types) Middletown

Bends—Pipe or Tube
National Pipe Bending Co., The New Haven

Bicycle Sundries
Torrington Co., The Torrington

Blackening Salts for Metals
Du-Lite Chemical Corp. Middletown
Enthone, Inc. New Haven
Mitchell-Bradford Chemical Co. Milford

Black Oxide Finishing
Black Oxide, Inc. New Britain

Black Oxide Treatment
Bennett Metal Treating Co., The Elmwood

Blades
Capewell Manufacturing Company, Metal Saw Division (hack saw and band saw) Hartford

Blast Cleaning Equipment
Pressure Blast Mfg. Co., Inc. (Wet and Dry and Abrasives) Manchester

Blocks
Howard Company (cupola fire clay) New Haven

Blower—Centrifugal Type
Spencer Turbine Co., The Hartford

Blower Fans
Colonial Blower Company Plainville
Spencer Turbine Co., The Hartford

Blower Systems
Colonial Blower Company Plainville
Ripley Co. Middletown

Blower Wheels
Torrington Manufacturing Company, The Torrington

Blueprints and Photoats
Joseph Merritt & Co. Hartford

Blue Printing Machines
Rotolite of New England Glastonbury

Boilers
Bigelow Co., The New Haven

Bolts and Nuts
Clark Brothers Bolt Co. Milldale
Hartford Machine Screw Co., Div. of Torrington Co., The Torrington

Boring Tools
Atrax Company, The (solid carbide) Newington

Bottles
Feldman Glass Co., The New Haven

Bottles—Cosmetic
Seri-Print, Inc. (cosmetic aerosol ceramic decorating) Waterbury

Box Board
Bird & Son, Inc. New Britain
Continental Can Co., Boxboard and Folding Carton Division Montville
Federal Paper Board Co., Inc. Montville
Lydall & Foulds Paper Co., The Manchester
New Haven Board & Carton Co., The New Haven
Robertson Paper Box Co. Montville

Boxes
Bird & Son, Inc. (corrugated, solid fibre, cleated containers) New Britain
Connecticut Container Corporation New Britain

Continental Can Co., Fibre Drum and Corrugated Box Division Portland
Merriam Mfg. Co. (steel cash, bond, security, fitted tool and tackle boxes) Durham
Warner Bros. Co., The (Acetate, Paper, Acetate and Paper Combinations, Counter Display, Setup) Bridgeport

Boxes and Crates
City Lumber Co. of Bridgeport, Inc., The Bridgeport

Boxes—Folding
Leshine Carton Co. Branford

Boxes—Metal
Durham Mfg. Co. Durham
Merriam Mfg. Co. (Bond and Security, Cash and Utility, Personal Files and Drawer Safes) Durham
Scovill Manufacturing Company (aluminum, brass, bronze, copper-cosmetic, drug, hair pin, ointment, pill, powder, rouge, vanity) Waterbury

Boxes—Paper—Folding
Atlantic Carton Corp. Norwich
Bridgeport Paper Box Co. Bridgeport
Carpenter-Hayes Paper Box Co., Inc. East Hampton
Continental Can Co., Boxboard and Folding Carton Division Montville
Curtis & Sons, Inc., S. Sandy Hook
Folding Cartons Incorporated (paper, folding) Versailles
Mills, Inc., H. J. Bristol
National Folding Box Co., Div. Federal Paper Board Co., Inc. (paper folding) New Haven
New Haven Board & Carton Co., The New Haven
Robertson Paper Box Co. Montville
Warner Bros. Co., The Bridgeport

Boxes—Paper—Setup
Bridgeport Paper Box Co. Bridgeport
Hemlinway Corporation, The Waterbury
Mills, Inc., H. J. Bristol
Strouse Adler Company, The New Haven
Warner Bros. Co., The Bridgeport

Brake Cables
Els Automotive Corp. Middletown

Brake Linings
Raybestos Division of Raybestos-Manhattan, Inc. (Automotive and Industrial) Bridgeport

Russell Mfg. Co. (all types, Fused Fabric, Durak, Wireback, Extruded) Middletown

Brake Service Parts
Els Automotive Corp. Middletown

Brass & Bronze
Anaconda American Brass Company, The (sheet, wire, rods, tubes) Waterbury
Bridgeport Rolling Mills Company (coil, sheet, strip) Bridgeport
Bristol Brass Corp., The (sheet, wire, rods) Bristol
Chase Brass & Copper Co. Waterbury
Miller Company, The (phosphor bronze and brass in sheets, strips, rolls) Meriden

Scovill Manufacturing Company Waterbury
Tinsheet Metals Co., The, (sheets and rolls) Waterbury

Brass & Bronze Ingot Metal
Mitchell Smelting & Refining Co., Inc. Botsford
Whipple and Choate Company, The Bridgeport

Brass, Bronze, Aluminum Castings
Coggins Mfg. Co., The J. B. Meriden
Derby Castings Company, The Seymour
Victors Brass Foundry, Inc. Guilford

Brass Goods
Anaconda American Brass Company, The Waterbury
Rostrand Mfg. Co., The (Ecclesiastical Brass Wares) Milford
Scovill Manufacturing Company (to order) Waterbury

Brass Mill Products
Anaconda American Brass Company, The Waterbury
Chase Brass & Copper Co. Waterbury
Plume & Atwood Mfg. Co., The Thomaston
Scovill Manufacturing Company Waterbury
Seymour Manufacturing Co., The Seymour

Brick-Building
Donnelly Brick Co., The New Britain
Stiles Corp., subsidiary of Plasticrete Corp. North Haven

Bricks—Fire
Howard Company New Haven
Mullite Works Refractories, Div. H. K. K. Porter Co., Inc. Shelton

Bright Wire Goods
Sargent & Company (Screw Eyes, Screw Hooks, Cup Hooks, Hooks and Eyes, C. H. Hooks) New Haven

Bronze & Aluminum Castings
Knapp Foundry Company, Inc. (rough or machined) Guilford

Bronze Sand Castings
Bridgeport Deoxidized Bronze Corp. Bridgeport

Brooms—Brushes
Fuller Brush Co., The East Hartford

Buckles
Hawie Mfg. Co., The Bridgeport
North & Judd Manufacturing Co. New Britain

Patent Button Co., The Waterbury

Buffing & Polishing Compositions
Apothecaries Hall Company, Division The Hubbard Hall Chemical Company Waterbury
Lea Mfg. Co. Waterbury

Burglar Alarm Systems
Mosler Research Products, Inc. Danbury

Burners
Dorset-Rex, Inc., Subsidiary of Landers, Frary & Clark Thomaston

Burners—Automatic
Penbody Engineering Corp. Stamford

Burners—Coal and Oil
Peabody Engineering Corporation (Combined) Stamford

Burners—Gas and Oil
Peabody Engineering Corporation (Combined) Stamford

Burners—Refinery
Peabody Engineering Corporation (For Gas and Oil) Stamford

Burnishing
Abbott Ball Co., The (Burnishing Barrels and Burnishing Media) Hartford

Pioneer Steel Ball Company, Inc. (balls, cones, other metallic shapes) Unionville

Bars
Atrax Company, The (carbide) Newington
Pratt & Whitney Co., Inc. (carbide and HSS) West Hartford

Business Forms
Connecticut Manifold Forms Co., The West Hartford

Business Counsellors
Wirth Management Company Wilton

CONNECTICUT PRODUCTS AND SERVICES

Buttons
Frank Parizek Manufacturing Co., The Putnam Schwanda & Sons, B. (ocean pearl and plastic) Staffordville
Scovill Manufacturing Company (Uniform and Tack Fasteners) Waterbury
Waterbury Companies, Inc. (Uniform and Fancy Dress) Waterbury

Button Head Socket Screws
Holo-Krome Screw Corp. West Hartford

Cabinet Work
Hartford Builders Finish Co. Hartford

Cable—Asbestos Insulated
Rockbestos Wire & Cable Co., Div. of Cerro Corp. New Haven

Cable-Interlocked Armor
General Electric Company Bridgeport

Cable—Nonmetallic Sheathed
General Electric Company Bridgeport

Cages
Hendryx Co., The Andrew B. (bird and animal) New Haven

Cams
Amco Manufacturing, Inc. Town of
East Windsor, Warehouse Point
American Cam Company, Inc. Bloomfield
Bristol Instrument Gears, Inc. Forestville
Hartford Special Machinery Co., The Hartford

Cams, 2 Dimensional
Amco Manufacturing, Inc. Town of
East Windsor, Warehouse Point
Mallory Industries, Inc. West Hartford
Parker-Hartford Corporation Hartford

Cams, 3 Dimensional
Amco Manufacturing, Inc. Town of
East Windsor, Warehouse Point
Mallory Industries, Inc. West Hartford
Parker-Hartford Corporation Hartford

Capacitors
Electro Motive Mfg. Co., Inc., The (mica & trimmer) Willimantic

Carbide Dies
National Die Co., Inc., The Wolcott

Carbide Form Tools
Somma Tool Co. (for automatic screw machines) Waterbury

Carbide Shape Dies
Thomaston Tool & Die Co. (any form) Thomaston

Carbide Tools
Atrax Company, The (solid) Newington
Precision Tool & Die Co. Waterbury

Carbon Pile Type Resistors
Engineered Metals Manchester

Card Clothing
Standard Card Clothing Co., The (for textile mills) Stafford Springs

Card Indexes
Wassell Organization, Inc. Westport

Carpenter's Tools
Sargent & Company (Planes, Squares, Plumb Bobs, Bench Screws, Clamps and Saw Vises) New Haven

Carpets and Rugs
Rigelow-Sanford Carpet Co. Thompsonville

Carton Closure Equipment
Better Packages, Inc. ("Tape-O-Matic," "Better Packs") Shelton

Casket Trimmings
Bridgeport Casket Hardware Co., The Bridgeport

Casters
Bassick Company, The (Industrial and General) Bridgeport

Castings
Commercial Foundry Co., The (brass, bronze, aluminum) New Britain
Connecticut Foundry Co. (grey iron) Rocky Hill
Connecticut Malleable Castings Co. (malleable iron castings) New Haven
Custom Products Corp (machined only) Bridgeport

Ductile Iron Foundry, Inc. Stratford
Alloy Foundries Div., The Eastern Co. Naugatuck
Farrel-Birmingham Company, Inc. (Mechanical Nodular Iron, Steel) Ansonia
H. R. Engineering Laboratories, Inc. (centrifugal steel mold) East Haddam
Malleable Iron Fittings Co., malleable iron and steel) Branford

New England Alloy Casting Corp. Hartford
Newton-New Haven Co. (zinc and aluminum) West Haven
Nutmeg Crucible Steel Co. (steel) Branford
Plainville Casting Company (gray, alloy and high tensile irons) Plainville
Philbrick-Booth & Spencer, Inc. Hartford
Product Machine Company, The Bridgeport
Scovill Manufacturing Company (Brass, Bronze and Aluminum) Waterbury
Turner & Seymour Mfg. Co., The (gray iron, semi steel and alloy) Torrington
Union Mfg. Co. (grey iron & semi steel) New Britain
Waterbury Foundry Company, The (highway & sash weights) Waterbury
Wilcox Crittenden & Co., Inc., (gray iron and brass) Middletown (Advt.)

Castings—Investment
Arwood Precision Casting Corp. Groton
Connecticut Investment Casting Corp. Pawcatuck

Catalog Production
Watson-Manning Advertising Stratford

Cements—Refractory
Mullite Works Refractories, Div. H. K. Porter Co., Inc. Shelton

Centerless Grinding
Brown Manufacturing Co. Plainville
New England Centerless Grinding, Inc. West Hartford
Winsted Centerless Co. Winsted

Centers
Ready Tool Co., The (anti friction, carbide tipped, high speed) Stratford

Cermets
Russell Mfg. Co. (for missiles, and for friction materials) Middletown

Chain
Turner and Seymour Mfg. Co., The (weldless sash, jack, safety, furnace, universal, lion and cable) Torrington

Chain-Banded
Auto-Swage Products, Inc. Shelton

Chain—Power Transmission and Conveying
Whitney Chain Co., The, Subsidiary of Foote Bros. Gear and Machine Corp. Hartford

Chairs
The Hitchcock Chair Company Riverton

Chemical Manufacturing
Carwin Company, The North Haven

Chemicals
Apothecaries Hall Company, Division The Hubbard Hall Chemical Company Waterbury

Axton-Cross Co. Shelton
Carwin Company, The North Haven
Enthone, Inc. New Haven
Fuller Brush Co., The (for cleaning and maintenance—cleaners, deodorants, detergents, disinfectants, dust absorbers and polishers) East Hartford
Macalaster Bicknell Company New Haven
MacDermid Incorporated Waterbury
Naugatuck Chemical Division United States Rubber Co. Naugatuck
New England Lime Company Canaan
Pfizer & Co., Inc., Chas. Groton
United States Chemical Corp. New Haven

Chemicals—Agriculture
Naugatuck Chemical Division United States Rubber Co. (insecticides, fungicides, weed killers) Naugatuck

Chemists—Analytical and Consulting
Bridgeport Testing Laboratory, Inc. Bridgeport

Christmas Light Clips
Foursome Manufacturing Co. Bristol

Chromium Plating
Chromium Corp. of America Waterbury
Chromium Process Company, The Shelton

Chucks
Cushman Chuck Co., The Hartford
Jacobs Manufacturing Co., The (drill chucks, lathe collet chucks and arbors) West Hartford
Skinner Precision Industries, Inc., Skinner-Horton Chuck Div. New Britain
Union Manufacturing Company New Britain

Chucks—Air
Cushman Chuck Co., The Hartford
Power Grip, Inc. Rockfall
Skinner Precision Industries, Inc., Skinner-Horton Chuck Div. New Britain

Chucks—Drill
Jacobs Manufacturing Co., The West Hartford

Chuck & Face Plate Jaws
Cushman Chuck Co., The Hartford
Skinner Precision Industries, Inc., Skinner-Horton Chuck Div. New Britain
Union Manufacturing Company New Britain

Chucks—Lathe
Cushman Chuck Co. (power and hand operated) Hartford
Skinner Precision Industries, Inc., Skinner-Horton Chuck Div. New Britain

Chucks—Power Operated
Cushman Chuck Co., The Hartford
Skinner Precision Industries, Inc., Skinner-Horton Chuck Div. New Britain
Union Manufacturing Company New Britain

Clay
Howard Company (Fire Howard "B" and High Temperature Dry) New Haven

Cleaning Compounds
Enthone, Inc. (Industrial) New Haven
MacDermid Incorporated Waterbury

Clock Mechanisms
Lux Clock Mfg. Co., The Waterbury

Clocks
E. Ingraham Co., The Bristol
United States Time Corporation, The Waterbury

Clocks—Alarm
Lux Clock Mfg. Co., The Waterbury

Clocks—Automatic Cooking
Lux Clock Mfg. Co., The Waterbury

Clutches
Snow-Nabstedt Gear Corp., The New Haven

Clutch Facings
Raybeston Division of Raybestos-Manhattan, Inc. (Molded, Woven, Semi-metallic and Full-metallic) Bridgeport
Russell Mfg. Co. (rubber Shock Cord — all sizes and types) Middletown

Coils—Electric
Bittermann Electric Company Canaan
Rowley Spring Co., Inc., The (Air-wound for television and electronic industries) Bristol

Coils—Pipe or Tube
National Pipe Bending Co., The New Haven
Whitlock Manufacturing Co., The Hartford

Coil Winding
Advanced Electronics, Inc. (custom) Rocky Hill

Cold Molded Electrical Insulation
Meriden Molded Plastics Meriden

Communication Systems
Tel-Rad, Inc. Hartford

Compacts
Scovill Manufacturing Company (powder and rouge) Waterbury

Compressors
Brunner Division of Dunham-Bush, Inc. (Refrigeration, Air Conditioning and Air Compressors) West Hartford
Norwalk Company, Inc. (high pressure air and gas) South Norwalk

Computers
Reflection Electronics, Inc. Stamford
Royal McBee Corp. Hartford

Concrete Products
Plasticrete Corp. Hamden, Hartford
North Haven, Waterbury, Willimantic

Condenser and Heat Exchanger Tubes
Scovill Manufacturing Company Waterbury

CONNECTICUT PRODUCTS AND SERVICES

Cones
Sonoco Products Co., (paper) Mystic

Connector
Gorn Electric Co., Inc. (precision miniature electrical and printed circuit) Stamford
Construction Equipment Trailers
Kensington Welding & Trailer Co., The Kensington

Consultants
Robotham Co., The Edward W. (advertising & marketing) Westport & West Hartford

Consulting Engineers
Southern Engineering Co., Henry Hartford
Stanley P. Rockwell Co., Inc., The (Consulting) Hartford
Welch, William A. Danbury

Continuous Mill Gages
Pratt & Whitney Co., Inc. West Hartford

Contract Machining
Amco Manufacturing, Inc. Town of
East Windsor, Warehouse Point
Laurel Mfg. Co., Inc. (Precision Production Small Parts) Plainville
Malleable Iron Fittings Company Branford
McMellon Bros., Inc. (precision threaded parts) Bridgeport

Contract Manufacturers
Advanced Electronics, Inc. Rocky Hill
Amco Manufacturing, Inc. Town of
East Windsor, Warehouse Point
American Standard Products, Inc. Hartford
Custom Products Corp. Bridgeport
Dorset-Rex, Inc., Subsidiary of Landers, Frary & Clark, Thomaston
Fenn Mfg. Co., The (Precision Machine Works) Newington
Greist Mfg. Co., The (Metal parts and assemblies) New Haven
Hartford Machine Screw Co., Div. of Standard Screw Co. Hartford
Merriam Mfg. Co. (production runs—metal boxes and containers to specifications) Durham
Scovill Manufacturing Company (metal parts and assemblies) Waterbury
Sperry Products Co., Div. Howe Sound Co. Danbury
Torrington Co., The Torrington
Voss Co., The Branford

Control Centers
Tech Design Co., Inc. (designers & fabricators of control centers) Ansonia

Controllers
Bristol Company, The Waterbury

Controls—Remote
Panish Controls (Remote Controls for Marine & Aeronautic Applications) Bridgeport

Controls—Remote Hydraulic
Sperry Products Co., Div. Howe Sound Co. Danbury

Converters DC to AC
Electric Specialty Co. Stamford
Safety Electrical Equipment Corp. New Haven

Conveyor Systems
Leeds Conveyor Mfg. Co., The East Haven
Production Equipment Co. Meriden

Copper
Anaconda American Brass Company, The (sheet, wire, rods, tubes) Waterbury
Bristol Brass Corp., The (steel) Bristol
Chase Brass & Copper Co. (sheet, rod, wire, tube) Waterbury
Tinsheet Metals Co., The (sheet and rolls) Waterbury

Copper Castings
Knapp Foundry Company, Inc. Guilford

Copper Sand Castings
Bridgeport Deoxidized Bronze Corp. Bridgeport

Copper Sheets
Anaconda American Brass Company, The Waterbury
New Haven Copper Co., The Seymour

Copper Shingles
New Haven Copper Co., The Seymour

Copper Water Tube
Anaconda American Brass Company, The Waterbury

Copying Machines
Thermo-Fax Sales of Conn., Inc. New Haven

Cord
Russell Mfg. Co., The (marine & aero shock) Middletown

Cord Sets—Electric
General Electric Company Bridgeport
Seeger-Williams, Inc. Bridgeport

Cores—Fibre
Sonoco Products Co. Mystic

Corn Cob Meal
Nielson & Sons, Inc., John R. (Graded) South Windsor

Correspondence Files
Wassell Organization, Inc. Westport

Corrugated Box Manufacturers
Connecticut Container Corporation New Haven
Corrugated Containers, Inc. Hartford

Corrugated Shipping Cases
Connecticut Container Corporation New Haven
Continental Can Co. Fibre Drum and Corrugated Box Division Portland
D. L. & D. Container Corp. New Haven
New Haven Board & Carton Co. New Haven

Cosmetic Containers
Dorset-Rex, Inc., Subsidiary of Landers, Frary & Clark, Thomaston
Eyelet Specialty Div. International Silver Co., Wallingford
Lakewood Metal Products, Inc. Waterbury
Scovill Manufacturing Co. Waterbury
Seri-Print, Inc. (silk screen decorated) Waterbury

Cosmetics
Chesebrough-Pond's, Inc. Clinton
Fuller Brush Co., The East Hartford

Counting Devices
Veeder-Root, Inc. Hartford

Couplings
Scovill Manufacturing Company (garden and industrial hose) Waterbury

Cushioning for Packaging
Gilman Brothers Co., The Gilman

Cutters
Atrax Company, The (solid carbide) Newington
Hanson-Whitney Co., The (thread milling) Hartford
Mitrametric Co., The (ground pinion) Torrington
Pratt & Whitney Co., Inc. (Milling Cutters all types carbide and HSS) West Hartford

Cutting & Creasing Rule
Bartholomew Co., H. J. Bristol

Data Processing Equipment
Royal McBee Corp. Hartford

Decalcomanias
Sirocco Screenprints New Haven

Deep Drawings
Scovill Manufacturing Company Waterbury
Stanley Pressed Metal New Britain

Deep Hole Drilling & Reaming
Hamden Deep Hole Drilling Co. Hamden
Products Design & Mfg. Corp. Newington

Delayed Action Mechanism
M. H. Rhodes, Inc. Hartford
R. W. Cramer Company, Inc., The Centerbrook

Design
Maurice Libson Designer (product styling & appearance design) New Haven

Diamonds—Industrial
Parsons Diamond Products, Inc. West Hartford

Diamond Tools
Parsons Diamond Products, Inc. West Hartford
Russell, Inc., R. R. Newington

Diamond Tools
Parsons Diamond Products, Inc. West Hartford
Russell, Inc., R. R. Newington

Dictating Machines
Dictaphone Corporation Bridgeport
SoundScriber Corporation, The New Haven

Die Castings
Mt. Vernon Die Casting Co. Stamford
Peasley Products, Inc. (aluminum and zinc) Stratford
Newton-New Haven Co., Inc. New Haven
Stewart Die Casting Div. Stewart-Warner Bridgeport

Die Casting Dies
Eastern Machine Screw Corp., The New Haven
Weimann Bros. Mfg. Co., The Derby

Die Heads—Self Opening
Eastern Machine Screw Corp., The New Haven
Geometric Tool Division Greenfield Tap & Die Corp. New Haven

Die Sets
Producto Machine Company, The Bridgeport
Superior Steel Products Corp. (steel) Cheshire
Union Mfg. Co. (precision, steel and semi-steel) New Britain

Dies
Hoggson & Pettis Mfg. Co., The New Haven
Mitrametric Co., The (ground for gears) Torrington
Pratt & Whitney Co., Inc. (thread cutting and thread rolling) West Hartford

Dies & Die Cutting
Douglas Co., Geo. M. New Haven

Dielectric Heaters
Radio Frequency Co., Inc. New Britain

Displays
Sansome Co., S. Frederick (design & production) Short Beach

Display Containers
National Folding Box Co. Div. Federal Paper Board Co., Inc. (folding paperboard) New Haven and Versailles

Displays—Design & Production
Ad-Craft Displays, Inc. Bloomfield
Stifel & Kufia New Britain

Display Equipment
Polecats, Inc. Old Saybrook

Displays—Metal
Durham Mfg. Co., The (Designing & Mfg. to customers' specifications) Durham
Merriam Mfg. Co. (Contract Work to Individual Specifications) Durham
Parsons Co., Inc., W. A. (custom designed) Durham

Displays—Plastic
Dura Plastics of New York, Inc. Westport

Displays—Wire
J. C. Products, Inc. Higganum

Diversification Advisors
Wirth Management Company Wilton

Door Closers
Sargent & Company New Haven

Doors
Bileo Co., The (metal, residential and commercial) West Haven

Dowel Pins
Allen Manufacturing Co., The Bloomfield
Hartford Machine Screw Co. Div. of Standard Screw Co. Hartford
Holo-Krome Screw Corp., The West Hartford
Torrington Co., The Torrington

Drafting Accessories
Joseph Merritt & Co. Hartford

Drill Presses
Sigourney Tool Co. (sensitive drilling machines) Bloomfield
Townsend Mfg. Co., The H. P. Elmwood

Drilling Machines
Pratt & Whitney Co., Inc. (Deep Hole) West Hartford

Drilling Service—Hard Steel
Walton Co., The West Hartford

Drilling and Tapping Units
Hartford Special Machinery Co. Hartford

Drop Forgings
Atwater Mfg. Co. Plantsville
Billings & Spencer Co., The Hartford
Consolidated Industries West Cheshire
Wilcox Crittenden & Co., Inc. Middletown

CONNECTICUT PRODUCTS AND SERVICES

Duplicating Machines
Thermo-Fax Sales of Conn., Inc. New Haven

Duplicating Machines—Automatic
Pratt & Whitney Co., Inc. West Hartford

Dust Collectors
Colonial Blower Co. Plainville

Elastic
Russell Mfg. Co. (rubber shock cord — all sizes and types) Middletown

Electric Cables
General Electric Company (for residential, commercial and industrial applications) Bridgeport
Rockbestos Wire & Cable Co. Div. of Cerro Corp. (asbestos insulated) New Haven

Electric Cord Springs
Bristol Spring Manufacturing Co. Plainville

Electric Cords
General Electric Company Bridgeport
Rockbestos Wire & Cable Co. Div. of Cerro Corp. (asbestos insulated) New Haven

Electric Enclosed Switches
Arrow-Hart & Hegeman Electric Co., The Hartford

Electric Eye Control
Ripley Company, Inc. Middletown

Electric Fixture Wire
Rockbestos Wire & Cable Co. Div. of Cerro Corp. (asbestos insulated) New Haven

Electric Hand Irons
Winsted Hardware Mfg. Co. (trade mark "Durablitt") Winsted

Electric Heating Elements
Hartford Element Co. Hartford

Electric Insulation
Stevens Paper Mills, Inc., The Windsor

Electric Lighting Fixtures
Wasley Products, Inc. Plainville

Electric Motor Controls
Arrow-Hart & Hegeman Electric Co., The Hartford

Electric Motor Repair
B & J Electric Co. Ansonia

Electric Motors
Electric Specialty Co. Stamford
Harvey Hubbell Incorporated Bridgeport
Iona Manufacturing Company, The Manchester
Safety Electrical Equipment Corp. New Haven
U. S. Electrical Motors, Inc. Milford

Electric Switches
Harvey Hubbell, Incorporated Bridgeport

Electric Time Controls
Cramer Controls Corporation, The Centerbrook

Electric Wire
Rockbestos Wire & Cable Co. Div. of Cerro Corp. (asbestos insulated) New Haven
New Haven

Electric Wiring Devices
Arrow-Hart & Hegeman Electric Co., The Hartford
Harvey Hubbell, Incorporated Bridgeport

Electrical Appliances
Iona Manufacturing Company, The Manchester

Electrical Conduit Fittings & Grounding Specialties
Gillette-Vibber Company, The New London

Electrical Connectors
Burndy Corporation Norwalk

Electric Control Apparatus
Plainville Electrical Products Co., The Plainville

Electrical Insulation
Case Brothers, Inc. Manchester

Electrical Recorders
Bristol Co., The Waterbury
Electrical Relays and Controls
Allied Control Co. Plantsville

Electrical Switchboards
Plainville Electrical Products Co., The Plainville
Pneumatic Applications Co. Simsbury

Electrical Wiring Systems
Wiremold Co., The Hartford

Electro Mechanical Prototypes
Victor Tool & Mfg., Inc. Higganum

Electronic Assemblies
Advanced Electronics, Inc. (custom) Rocky Hill
Scovill Manufacturing Company Waterbury

Electronic Circuits
Seri-Print, Inc. (silk screen plates & supplies) Waterbury

Electronic Parts
Patent Button Company, The Waterbury
Prentice Mfg. Co., The G. E. (stampings to customers' specifications) Kensington
Terryville Manufacturing Co. (Stampings to customer specifications) Terryville

Electronics
Andersen Laboratories, Inc. West Hartford
Ripley Co. Middletown
Sturup Larabee & Warmers, Inc. Middletown
Vinco Electronics Corporation New Haven

Electro-Mechanical Assemblies
Advanced Electronics, Inc. (custom) Rocky Hill

Electroplating
Coggins Mfg. Co., The J. B. Meriden
Gierling Metal Finishing, Inc. Hamden
National Sherardizing & Machine Co. Hartford
Waterbury Plating Company Waterbury

Electroplating—Equipment & Supplies
Apothecaries Hall Company Division Waterbury
Enthone, Inc. New Haven
Hubbard Hall Chemical Company, The Waterbury
Lea Manufacturing Co., The Waterbury
MacDermid, Incorporated Waterbury

Electrotypes
Barnum-Hayward Electrotype Co., Inc. New Haven
New Haven Electrotype Div. Electrographic Corp. New Haven

Elevators
Eastern Elevator Co. (passenger and freight) New Haven
General Elevator Service Co. Hartford

Employment Agencies
Administrative-Technical Personnel Service Hartford
Advancement Opportunities Hartford
Burnham Employment Agency (executive, technical, secretarial) Hartford
Rita, Richard P. Personnel Services, Inc. New Haven, Bridgeport & Hartford
Snelling & Snelling Hartford

Enameling
Gierling Metal Finishing, Inc. Hamden
Waterbury Plating Company Waterbury

Enamels & Lacquers
Dobbs Chemical Co., The (Industrial finishes to customers' specifications) New Haven

Engineering
Marchant & Minges (building construction) West Hartford
Research & Development Designers, Inc. Middletown
Technical Design and Development Co., Inc. (design and drafting) Milford

Engineering Service
Lacey Manufacturing Co., The Bridgeport

End Mills
Atrax Company, The (solid carbide) Newington

Engraving—Plastic and Nonferrous Metals
New England Engraving Company Div. of Dura Plastics of New York, Inc. Westport

Pratt & Whitney Co., Inc. (carbide and HSS) West Hartford
Salisbury Products, Inc. Lakeville

Envelopes
Curtis 1000, Inc. Hartford
United States Envelope Company Hartford Division Hartford

Environmental Test Equipment
American Research Corp. Farmington

Excelsior
Nielsen & Sons, Inc., John R. South Windsor

Executive Recruiting Opportunities
Advancement Opportunities Hartford

Explosives
Ensign-Blackford Co., The (safety fuse, detonating fuse, blasting accessories) Simsbury

Extensions—Tap
Walton Co., The West Hartford

Extractors
Walton Co., The (tap, pipe & stud) West Hartford

Extraction Service
Walton Co., The (taps, drills, studs) West Hartford

Extruders and Accessories
Davis Electric Company (Ram Type Teflon Extruder) Wallingford
Standard Machinery and Davis-Standard Divisions of Franklin Research Corp. Mystic

Extrusions—Plastic
Jessall Plastics Div. The Electric Storage Battery Co. Kensington

Eyelets
Anaconda American Brass Company, The Waterbury
Arro Eyelet & Tool Co. (small-printed circuit, brass & copper) Waterbury
Dorset-Rex, Inc., Subsidiary of Landers, Frary & Clark Thomaston
Gem Machine & Tool Co. Waterbury
Mark Eyelet & Stamping Co. (small-metal stampings) Wolcott
Platt Bros. & Co., The Waterbury
Stevens Co., Inc. Waterbury
Salem Mfg. Co. Prospect

Eyelets, Ferrules and Wiring Terminals
Anaconda American Brass Company, The Waterbury

Eyelet Machine Products
Anaconda American Brass Company, The Waterbury
Ball & Socket Mfg. Co., The West Cheshire
Cold Forming Mfg. Co., The Waterbury
Cly-Del Manufacturing Co. Waterbury
Lakewood Metal Products, Inc. Waterbury
Dorset-Rex Inc., Subsidiary of Landers, Frary & Clark Thomaston
National Die Co., Inc., The Wolcott
Platt Bros. & Co., The Waterbury
Scovill Manufacturing Company Waterbury
Stevens Co., Inc. Waterbury
Waterbury Pressed Metal Co. Waterbury

Eyelet Parts
Auto-Swage Products, Inc. Shelton

Fabricators
Scovill Manufacturing Company (aluminum, brass, bronze, copper, steel) Waterbury

Fabrics
Russell Mfg. Co. (Teflon, Moulded Fabric, Bearing Surfaces, High Temperature Fabrics) Middletown

Fan Blades
Torrington Manufacturing Company, The Torrington

Fans—Electric
General Electric Company Bridgeport

Fasteners—Aircraft
Scovill Manufacturing Company (PANEOLOC Aircraft Fasteners) Waterbury

Fasteners—Industrial
Scovill Manufacturing Company Waterbury
Torrington Co., The Torrington

Fasteners—Laundry Proof
Scovill Manufacturing Company (GRIPPER snap fasteners) Waterbury

Fasteners—Slide & Snap
Scovill Manufacturing Company (GRIPPER zippers and GRIPPER snap fasteners) Waterbury

Felt
Auburn Manufacturing Company, The (mechanical, cut parts) Middletown
Drycor Felt Company (paper makers and industrial) Staffordville

Felt—All Purpose
American Felt Co. (Mill & Cutting Plant) Glenville
Chas. W. House & Sons, Inc. (Mills & Cutting Plant) Unionville

CONNECTICUT PRODUCTS AND SERVICES

Ferrules
Cly-Del Manufacturing Co. Waterbury

Fiber-glass Fabrication
Davis Co., The E. J. West Haven

Fibre Board
Bird & Son, Inc. New Britain
Case Brothers, Inc. Manchester
Colonial Board Company Manchester
C. H. Norton Co., The North Westchester
Stevens Paper Mills, Inc., The Windsor

Fiberglass Products
Fiberglass Products Eng. Co. South Norwalk

File Cards
Standard Card Clothing Co., The Stafford Springs

Filing Equipment
Wassell Organization, Inc. Westport

Film Processing Machinery
Filmline Corporation Milford

Filters—Fluid
Aslop Engineering Co. Milldale
Cuno Engineering Corp., The Meriden

Filter Media
National Filter Media Corp. (cloth & paper) New Haven

Finger Nail Clippers
H. C. Cook Co., The Ansonia

Firearms
Colt's Patent Fire Arms Mfg. Co., Inc. Hartford
Junior Screw Machine Products, Inc. Hartford
Marlin Firearms Co., The West Haven
O. F. Mossberg & Sons, Inc. New Haven

Fire Alarm Systems
Fire-Lite Alarms, Inc. New Haven

Fire Hose
Fabrics Fire Hose (municipal and industrial) Sandy Hook

Fireplace Goods
Puritan Fireplace Furnishing Co. Milford

Fireworks
M. Backes' Sons, Inc. Wallingford

Flame Hardening
Flame Treating & Engineering Co., The West Hartford

Flashlights
Bridgeport Metal Goods Mfg. Co. Bridgeport

Flat Head Socket Screws
Holo-Krome Screw Corp. West Hartford

Flat Springs
Bristol Spring Manufacturing Co. Plainville
Gemco Manufacturing Co., Inc. Southington

Flatware—Stainless Steel
Majestic Silver Co., The New Haven

Flexible Shaft Machines
Pratt & Whitney Co., Inc. West Hartford

Floats
Sansome Co., S. Frederick (parade) Short Beach

Float Switches
Gorn Electric Co., Inc. (for aircraft and commercial use) Stamford

Floor & Ceiling Plates
Beaton & Cadwell Mfg. Co., The New Britain

Fluorescent Lighting Equipment
Wiremold Company, The Hartford

Foam Rubber
Armstrong Rubber Company, The West Haven

Forgings
Atwater Manufacturing Co. Plantsville
Billings & Spencer Company Hartford
Bridgeport Hardware Mfg. Corp., The Bridgeport

Capewell Manufacturing Company Hartford
Chase Brass & Copper Co. Waterbury
Consolidated Industries, Inc. West Cheshire
Heppenstall Co. (all kinds and shapes) Bridgeport

Ideal Forging Corp. Southington
Scovill Manufacturing Company (Non-ferrous) Waterbury

Forming Tools
C. & S. Tool Co., Inc. Berlin

Forms
Baker Goodyear Co. (Columnar and Analy-sis) Branford

Foundries
Connecticut Foundry Co. Rocky Hill
Connecticut Malleable Castings Co. (malleable iron castings) New Haven
Derby Castings Company, The Seymour
Ductile Iron Foundry, Inc. Stratford
Malleable Iron Fittings Co. (Malleable Iron and Steel Castings) Branford
New England Alloy Casting Corp. Hartford
Plainville Casting Company (gray, alloy and high tensile irons) Plainville
Producto Machine Company, The Bridgeport
Scovill Manufacturing Company Waterbury
Turner & Seymour Mfg. Co., The (gray, iron, semi steel and alloy) Torrington
Union Mfg. Co. (gray iron & semi steel) New Britain
Wilcox Crittenden & Co., Inc. (iron, brass, aluminum and bronze) Middletown

Fountain Pens and Mechanical Pencils
Waterman Pen Company, Inc. Seymour

Foundry Riddles
John P. Smith Co., The New Haven

Four Slide Forms
Peck Spring Co. Plainville

Fuel Oil Pump and Heater Sets
Peabody Engineering Corporation Stamford

Furnaces
Rockwell Co., W. S. (Industrial) Fairfield

Gage Blocks
Pratt & Whitney Co., Inc. (Alloy steel and Carbide, Hoke and USA) West Hartford

Galvanizing
Malleable Iron Fittings Co. Branford
Wilcox Crittenden & Co., Inc. Middletown

Garment Accessories
Oakville Co. Div. Scovill Mfg. Co. Oakville

Gaskets
Auburn Manufacturing Company, The (from all materials) Middletown
Fitzgerald Manufacturing Co. Torrington

Gaskets—Metallic
Laminated Shim Company, Inc. Glenbrook

Gas Scrubbers, Coolers and Absorbers
Peabody Engineering Corporation Stamford

Gauges
Bristol Co., The (pressure and vacuum-recording automatic control) Waterbury
Helicoid Gage Division American Chain & Cable Co., The (pressure and vacuum) Bridgeport

J. & S. Machine Co., Inc. (End Measures, Cyl Plugs & Rings) Hartford
Manning Maxwell & Moore, Inc. Stratford
New Haven Trap Rock Co., The Machine Products Div (Johan Universal and Special Purpose Gauge) North Branford
Pratt & Whitney Co., Inc. (Precision Measurement all types) West Hartford

Gears
Bridgeport Worm & Gear Mfg. Co. Bridgeport
Bristol Instrument Gears, Inc. Forestville
Mitrametric Co., The (blanked fine pitch) Torrington

Gears and Gear Cutting
Farrel-Birmingham Company, Inc. Ansonia
Fenn Mfg. Co., The Newington
United Gear & Machine Co. Suffield

Generators
Safety Electrical Equipment Corp. New Haven

Glass Blowing
Macalaster Bicknell Company New Haven

Glass Containers
Feldman Glass Co., The New Haven

Glass Cutters
Fletcher-Terry Co., The Forestville

Grinding
Farrel-Birmingham Company, Inc. (Roll and Cylindrical) Ansonia
Horberg Grinding Industries, Inc. (Precision custom grinding; centerless, cylindrical surfaces, internal and special) Bridgeport
K-F & D Mfg. Company, The (Contour and Precision) Manchester

Grinding Machines
Farrel-Birmingham Company, Inc. (Roll) Ansonia

Grinding Wheels
Fuller Merriam Company, The West Haven

Grommets
Anaconda American Brass Company, The Waterbury
Dorset-Rex, Inc., Subsidiary of Landers, Frary & Clark Thomaston

Ground Plate
Superior Steel Products Corp. Cheshire

Guards
Interstate Industrial Protection Co. (watchmen service) Bridgeport

Hack and Band Saw Blades
Capewell Manufacturing Co. Hartford

Hair Hygiene Preparations
Parker Herbox Corporation Stamford

Hammer and Axe Wedges
Saling Manufacturing Company ("Sta-Fast" steel) Unionville

Hammers—Carpenters and Machinists
Capewell Manufacturing Company Hartford

Hand Tools
Billings and Spencer Company (wrenches, sockets and shop tools) Hartford
Bridgeport Hardware Mfg. Corp., The (screw drivers, wrenches, nail pullers, box & crate openers, pliers, saws, trowels & special forgings) Bridgeport

Hardened and Ground Parts
Hartford Machine Screw Company
Div of Standard Screw Co. Hartford

Hardness Testers
Wilson Mechanical Instrument Div American Chain & Cable Company, Inc. Bridgeport

Hardware
Bassick Company, The (Automotive) Bridgeport

Eagle Lock & Screw Co. Terryville
Gordon Associates Derby
Harlock Products Corp. New Haven
Sargent & Company New Haven
Wilcox Crittenden & Co., Inc. (marine heavy and industrial) Middletown
Yale & Towne Mfg. Co., The Stamford

Hardware—Marine & Bus
Rostand Mfg. Co., The Milford

Hardware, Trunk & Luggage
Corbin Cabinet Lock Div. American Hardware Corp. New Britain
Excelsior Hardware Co., The Stamford
Yale & Towne Mfg. Co., The Stamford

Harrow Discs
Scovill, Inc., D. & H. Higganum

Hats
Hat Corporation of America (men's felt) South Norwalk

Hat Machinery
Doran Bros., Inc. Danbury

Health Surgical & Orthopedic Supports
Berger Brothers Company, The (custom made for back, breast and abdomen) New Haven

Heaters
Silent Glow Oil Burner Corp., The (portable oil) Hartford

Heat Elements
Electroflex Heat, Inc. Hartford
Safeway Heat Elements, Inc. (woven wire resistance type) Middletown

Heat Exchangers
Whitlock Manufacturing Co. Hartford

Heat Sealing—Electronic
Berger Bros. (vinyl-polyethylene) New Haven

CONNECTICUT PRODUCTS AND SERVICES

Heat Treating		Hydraulic Brake Fluids		Jacquard Cards	
ABA Tool & Die Co.	Manchester	Eis Automotive Co.	Middletown	Case Brothers, Inc.	Manchester
Bennett Metal Treating Co., The	Elmwood	Hydraulic Components and Systems		Jig Borer	
Commercial Metal Treating Co.	Bridgeport	Vickers Incorporated Marine & Ordnance Dept.	Waterbury	Atlantic Machine Tool Works, Inc. (Atlantic in several sizes)	Newington
Hartford Machine Screw Company	Hartford	H.S. Form Tools		Linley Brothers Company	Bridgeport
New Haven Heat Treating Co., Inc.	New Haven	Somma Tool Co. (for automatic screw machines)	Waterbury	Moore Special Tool Co. (Moore)	Bridgeport
Progressive Metal Treating (tool and production)	Bridgeport	Hypodermic Needles		Pratt & Whitney Co., Inc.	West Hartford
Skene Co., Inc., The	William A. (metals) Bridgeport	Rochr Products Company	Waterbury	Jigs, Fixtures & Gages	
Skinner Precision Industries, Inc.	New Britain	Ignitors		Federal Machine & Tool Co.	Bristol
Skinner-Horton Chuck Div.	New Britain	Peabody Engineering Corporation (gas, electric or oil, electric)	Stamford	Jig Grinder	
Stanley P. Rockwell Co., Inc., The	Hartford (Advt.)	Impregnating		Moore Special Tool Co. (Moore)	Bridgeport
Heat Treating Salts and Compounds		American Metaseal, Inc. (metal, wood, etc.)	Hamden	Junior Automobiles	
Barnes Co., The, Wallace Div. Associated Spring Corp.	Bristol	Incinerators		Power Car Company	Mystic
Bauer & Company, Inc.	Hartford	Silent Glow Oil Burner Corp., The	Hartford	Key Blanks	
Rolock, Inc. (Retorts, Muffles, etc.)	Fairfield	Indexing Heads		Sargent & Company	New Haven
Stanley P. Rockwell Co., Inc., The (commercial)	Hartford	Hartford Special Machinery Co., (Hartford "Super-Spacers")	Hartford	Labels	
Heat Treating Fixtures		Induction Hardening		Naugatuck Chemical Division, United States Rubber Co. (for rubber articles)	Naugatuck
Rolock, Inc. (Trays, Baskets, etc.)	Fairfield	Flame Treating & Engineering Co.	West Hartford	Seri-Print, Inc. (silk screened on glass, plastic, metal)	Waterbury
Wiretex Mfg. Co., Inc.	Bridgeport	Induction Heaters		Label Moisteners	
Heat Treating Salts and Compounds		Radio Frequency Co., Inc.	New Britain	Better Packages, Inc. ("Counterboy" — "Packer")	Shelton
Mitchell-Bradford Chemical Co.	Milford	Industrial Chrome Plating		Laboratory Equipment	
Heaters—Electric		Mirror Polishing & Plating Co., Inc.	Waterbury	Eastern Industries, Inc.	New Haven
General Electric Company	Bridgeport	Industrial Coatings		Laboratory Supplies	
Heating and Cooling Coils		Aluminized Finish & Mfg. Co. (vacuum)	Cromwell	Macalaster Bicknell Company	New Haven
G & O Manufacturing Co.	New Haven	Illuminized Finish Co. (vacuum)	Cromwell	Laces	
Heating Elements		Industrial Design		American Fabrics Company, The	Bridgeport
Hartford Element Co.	Hartford	Mel Saint Clair Associates (package and product design)	Farmington	Wilcox Lee Corporation, The	Middletown
Heavy Chemicals		Van Dyck Associates (product appearance and engineering)	Westport	Lacquers & Synthetic Enamels	
Naugatuck Chemical Division, United States Rubber Co. (sulphuric, nitric, and muriatic acids and aniline oil)	Naugatuck	Industrial Displays		Chemical Coatings Corporation Rocky Hill	I-Sis Chemicals, Inc. Stamford
Hex-Socket Screws		Sansone Co., S. Frederick (Designers, Builders and Counselors)	Short Beach	Ladders	
Allen Manufacturing Company, The	Bloomfield	Industrial Finishes		Flint Co., A. W.	New Haven
Bristol Company, The	Waterbury	Chemical Coatings Corporation	Rocky Hill	Lamp Products	
Hartford Machine Screw Co., Div. of Standard Screw Co.	Hartford	Industrial Security		de Sherbinn Products, Inc.	W. N. Hawleyville
High Frequency Alternators		Interstate Industrial Protection Co.	Bridgeport	Lampholders—Incandescent & Fluorescent	General Electric Company Bridgeport
Electric Specialty Co.	Stamford	Industrial Tapes		Lamp Shades	
Safety Electrical Equipment Corp.	New Haven	Seamless Rubber Company	New Haven	Verplex Company, The	Essex
Highway Guard Rail Hardware		Industrial Testing Services		Lathe Chucks	
Malleable Iron Fittings Co.	Branford	Sperry Products Co., Div. of Howe Sound Co.	Danbury	Skinner Precision Industries, Inc., Skinner-Horton Chuck Div.	New Britain
Hinges		Ultrasonic, X-ray and magnetic particle)	Danbury	Whiton Machine Co.	New London
Homer D. Bronson Company	Beacon Falls	Infrared Detectors		Lathes—Toolroom and Automatic	
Hobs and Hobbings		Barnes Engineering Co. (and systems)	Stamford	Pratt & Whitney Co., Inc.	West Hartford
Pratt & Whitney Co., Inc. (Die and Thread milling)	West Hartford	Inks		Lead Plating	
Hobs		Waterman Pen Company, Inc.	Seymour	Christie Plating Co., The	Groton
Hanson-Whitney Co., The (fine pitch gear)		Insecticides		Leather	
Hoes		American Cyanamid Company	Waterbury	Herman Roser & Sons, Inc. (Genuine Pigskin)	Glastonbury
Scovill, Inc., D. & H. (eye and grub)	Higganum	Fuller Brush Co., The	East Hartford	Leather Dog Furnishings	
Holists and Trolleys		Inserts—Screw Threads		Andrew B. Hendryx Co., The	New Haven
Union Mfg. Company	New Britain	Hel-Coll Corp	Danbury	The Smith-Worthington Saddlery Co.	Hartford
Hooks & Eyes		Instalment Payment Books		Leather, Mechanical	
Oakville Co. Div., Scovill Mfg. Co.	Oakville	Wassell Organization, Inc.	Westport	Anburn Manufacturing Company, The (packings, cubs, washers, etc.)	Middletown
Homogenizers		Insulated Wire & Cable		Letterheads	
Sonic Engineering Corp.	Stamford	General Electric Company (for residential commercial and industrial applications)	Bridgeport	Lehman Brothers, Inc. (designers, engravers, lithographers)	New Haven
Honing		Kerite Company, The	Seymour	Lighting Equipment	
K-F & D Mfg. Company, The	Manchester	Insulated Wire & Cable Machinery		Miller Co., The (Miller, Ivanhoe)	Meriden
Hose Fittings		Davis Electric Company	Wallingford	Lime	
Scovill Manufacturing Company (garden and industrial hose)	Waterbury	Instruments		New England Lime Company	Canaan
Hose—Flexible Metallic		Bristol Company, The	Waterbury	Lipstick Cases	
Anaconda American Brass Company, The	Waterbury	Manning Maxwell & Moore, Inc.	Stratford	Scovill Manufacturing Company	Waterbury
American Metal Hose Branch	Waterbury	Melcam Standards Laboratory (certified calibrations and repair specializing in quality control)	Hartford		
Johnson Metal Hose, Inc.	Waterbury	Penn Keystone Corporation	Derby		
Hose Supporter Trimmings		Pratt & Whitney Co., Inc. (Precision Measuring)	West Hartford		
Hawley Mfg. Co., The (So-Lo Grip Tabs)	Bridgeport	Sperry Products Co., Div. of Howe Sound Co.	Danbury		
Hospital Products		Ultrasonic flaw detection and thickness measurement)	Danbury		
Seamless Rubber Company	New Haven	Intercommunication			
Hospital & Rehabilitation Equipment		Action Systems Co.	Meriden		
Polecats, Inc.	Old Saybrook	Interval Timers			
		Lux Clock Manufacturing Company	Waterbury		
		Rhodes, Inc., M. H.	Hartford		

CONNECTICUT PRODUCTS AND SERVICES

Lipstick Containers
Bridgeport Metal Goods Mfg. Co. Bridgeport
Dorset-Rex, Inc., Subsidiary of Landers, Frary & Clark, Thomaston
Lakewood Metal Products, Inc. Waterbury
Serl-Print, Inc. (silk screen decorated) Waterbury

Lithography
City Printing Co., The New Haven
Connecticut Printers, Inc. Hartford
Hemlinway Corporation Waterbury
Lehman Brothers, Inc. New Haven
Muirson Label Co., Inc. Meriden
O'Toole & Sons, Inc., T. Stamford
Steinbach & Sons, A. D. New Haven

Locks—Builders
Sargent & Company New Haven

Lock Nuts
McMellon Bros., Inc. Bridgeport

Locks—Sultcase and Trimmings
Excelsior Hardware Co., The Stamford

Locks—Trunk
Excelsior Hardware Co., The Stamford

Locks—Zipper
Excelsior Hardware Co., The Stamford

Loom—Non-Metallic
Wiremold Company, The Hartford

Lumber & Millwork Products
City Lumber Co. of Bridgeport, Inc. Bridgeport

Machetes
Collins Company, The Collinsville

Machine Designers and Manufacturers
Research & Development Designers, Inc. Middletown

Machine Shop Fabrication
Advanced Electronics, Inc. Rocky Hill

Machine Tools
Farrel-Birmingham Company, Inc. Ansonia
Pratt & Whitney Co., Inc. West Hartford
Producto Machine Company, The Bridgeport

Machine Work
Amco Manufacturing, Inc. Town of
East Windsor, Warehouse Point
Banthin Engineering Co. Bridgeport
Essex Machine Works, Inc. Essex
Farrel-Birmingham Company, Inc. Ansonia
Fenn Manufacturing Company, The (precision parts) Newington
Fuller Brush Co., The (precision contract work) East Hartford
Hartford Special Machinery Co., The (contract work only) Hartford
McMellon Bros., Inc. (precision threaded parts) Bridgeport
National Sheradizing & Machine Co. (Job) Hartford
New Haven Trap Rock Co., The, Machine Products Div. North Branford
Parker-Hartford Corporation Hartford
Safety Electrical Equipment Corp. New Haven

Torrington Manufacturing Co., The (special rolling mill machinery) Torrington
Torrington Co., The Torrington

Machinery
Conn. Machine Repair, Inc. (special mfg.) Bridgeport
Davis Electric Company (Wire and Cable) Wallingford
Fenn Manufacturing Company, The (special) Newington
Hallden Machine Company, The (mill) Thomaston
Torrington Manufacturing Co., The (mill) Torrington
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. (metal working) Waterbury

Machinery—Automatic
Banthin Engineering Company (new and rebuilt) Bridgeport

Machinery—Automatic Feeding
Technical Design and Development Co., Inc. Milford

Machinery—Bolt and Nut
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. Waterbury

Machinery—Cold Heading
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. Waterbury

Machinery Dealers & Rebuilders
Botwink Brothers New Haven
Bristol Metal Working Equipment East Hartford
Conn. Machine Repair, Inc. Bridgeport
J. L. Lucas and Son Fairfield
State Machinery Co., Inc. New Haven

Machinery—Extruding
Standard Machinery and Davis-Standard Divisions of Franklin Research Corp., Mystic

Machinery—Metal-Working
Fenn Mfg. Co., The Newington
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. Waterbury
Pratt & Whitney Co., Inc. West Hartford

Machinery—Nut
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. (forming and tapping) Waterbury

Machinery—Screw and Rivet
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. Waterbury

Machinery—Wire Drawing
Fenn Mfg. Co., The Newington
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. Waterbury

Machinery Rebuilding
Conn. Machine Repair, Inc. Bridgeport

Machinery—Wire Straightening
Shuster Wire Machine Div., Mettler Machine Tool, Inc. New Haven
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. Waterbury

Machinery—Wire Straightening & Cutting
Shuster Wire Machine Div., Mettler Machine Tool, Inc. New Haven

Machines
Allison-Campbell Div., American Chain & Cable Co., Inc. (abrasive cutting machines and wheels) Bridgeport
Coulter & McKenzie Machine Co., The (special, new development engineering design and construction) Bridgeport

Machines—Automatic Chucking
Pratt & Whitney Co., Inc. (Potter & Johnson) West Hartford

Machines—Draw Benches
Fenn Manufacturing Company, The Newington
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. Waterbury

Machines—Forming
Nilson Machine Company, The, A. H. (four-slide wire and ribbon stock) Shelton

Machines—Paper Ruling
John McAdams & Sons, Inc. Norwalk

Machines—Rolling
Fenn Manufacturing Company, The Newington

Machines—Slotting
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. (screw head) Waterbury

Machines—Special
Fenn Mfg. Co., The Newington
Fuller Brush Co., The East Hartford

Machines—Special Build
Amco Manufacturing, Inc. Town of
East Windsor, Warehouse Point
Essex Machine Works, Inc. Essex

Machines—Swaging
Fenn Mfg. Co., The Newington
Torrington Co., The Torrington
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. Waterbury

Machines—Thread Rolling
Shuster Wire Machine Div., Mettler Machine Tool, Inc. New Haven
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. Waterbury

Machines—Turks Head
Fenn Mfg. Co., The Newington
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. Waterbury

Machines—Wire Drawing
Fenn Mfg. Co., The Newington
Waterbury Farrel Foundry & Machine Co., The, Division of Textron, Inc. Waterbury

Machining—Horizontal Boring
Tucker Machine Co. New Haven

Magnesium Sand Castings
Peerless Aluminum Foundry Co., Inc. Bridgeport

Management Consultants
Administrative-Technical Personnel Service Hartford

Management Counsel
Wirth Management Company Wilton

Manganese Bronze Ingot
Whipple and Choate Company Bridgeport

Manicure Instruments
W. E. Bassett Company, The Derby

Manifold Forms
Walters Business Forms, Inc. Bloomfield

Marine Equipment
Wilcox-Crittenden Div., North & Judd Mfg. Co. Middletown

Marine Machines
Essex Machine Works Inc. (Propellers, Shafts, etc.) Essex

Marine Reserve Gears
Snow-Nabstedt Gear Corp., The New Haven

Marketing Counsel
Brunelle Co., The Charles Hartford

Market Studies and Reports
Wirth Management Company Wilton

Marketing Service
Business Incubation Laboratory Wilton

Marking Devices
Cooney Engraving Co. Branford
Hoggson & Pettis Mfg. Co., The New Haven
Parker-Hartford Corporation (steel) Hartford

Marking Tools
Parker-Hartford Corporation Hartford

Masonry Products
Plasticrete Corp. Hamden, Hartford, North Haven, Waterbury, Willimantic

Materials Handling
Parsons Co., Inc., W. A. (tote pans) Durham

Mattresses
Waterbury Mattress Co. Waterbury

Metal Boxes
Durham Mfg. Co. Durham
Parsons Co., Inc., W. A. (tool kits) Durham

Metal Boxes and Displays
Durham Mfg. Co., The (Designing & Mfg. to customers' specifications) Durham
Merriam Mfg. Co. (Bond, Security, Cash, Utility, Personal Files, Drawer Safes, Custombuilt containers and displays) Durham

Metal Cleaners
Apothecaries Hall Company Division, The Hubbard Hall Chemical Company Waterbury
Enthone, Inc. New Haven
MacDermid, Incorporated Waterbury

Metal Finishes
Enthone, Inc. New Haven
Mitchell-Bradford Chemical Co. Milford

Metal Finishing
Contract Plating Co., Inc. Stratford
Hartford Industrial Finishing Co. Hartford
National Sheradizing & Machine Co. Hartford
Stamford Polishing & Plating Corp. Stamford
Waterbury Plating Company Waterbury

CONNECTICUT PRODUCTS AND SERVICES

- Metal Formings**
Master Engineering Company West Cheshire
Oakville Co. Div., Scovill Mfg. Co. Oakville
Scovill Manufacturing Company Waterbury
Stanley Pressed Metal New Britain
- Metallurgists**
Bridgeport Testing Laboratory, Inc. Bridgeport
- Metal Mouldings**
Leed Co., The H. A. Hamden
- Metal Powder Products**
Norwalk Powdered Metals, Inc. Norwalk
- Metal Products—Stampings**
Anaconda American Brass Company, The Waterbury
Scovill Manufacturing Company (Made-to-Order) Waterbury
Stanley Pressed Metal New Britain
- Metal Specialties**
Excelsior Hardware Co., The Stamford
Torrington Co., The Torrington
- Metal Spinning**
Moseley Metal Crafts, Inc. West Hartford
- Metal Stampings**
Anaconda American Brass Company, The Waterbury
Better Formed Metals, Inc. Waterbury
Cly-Del Manufacturing Co. Waterbury
Dorset-Rex, Inc., Subsidiary of Landers, Frary & Clark Thomaston
Excelsior Hardware Co., The Stamford
Greist Mfg. Co., The New Haven
H. C. Cook Co., The Ansonia
Mohawk Mfg. Co. (threaded) Middletown
North & Judd Mfg. Co. New Britain
J. A. Otterbein Company, The (metal fabrications) Middletown
Patent Button Co., The Waterbury
Saling Manufacturing Co. Unionville
Scovill Manufacturing Company Waterbury
Stanhelm Mfg. Co. Bristol
Terryville Manufacturing Co. Terryville
Wasley Products, Inc. Plainville
Waterbury Companies, Inc. Waterbury
Waterbury Lock & Specialty Co., The Milford
- Metals Testing**
Metals Testing Co., Inc. (Air Force, Army, Navy, Certified, Magnaflux, Zyglo) East Hartford
- Meters—Gas**
Sprague Meter Company Bridgeport
- Meters—Parking**
Rhodes, Inc., M. H. Hartford
- Microfilming**
American Microfilming Service Co. New Haven
Cine-Video Productions, Inc. Milford
- Microfilm—Reader-Printer**
Thermo-Fax Sales of Conn., Inc. New Haven
- Micrometers**
Slocum Co., The J. T. Glastonbury
- Mill Machinery**
Torrington Mfg. Co., The Torrington
Waterbury Farrel Foundry & Machine Co., The Division of Tectron, Inc. Waterbury
- Milling Machines**
Pratt & Whitney Co., Inc. (Keller Tracer—controlled Milling Machines) West Hartford
- Mill Products**
Scovill Manufacturing Co. (aluminum, brass, bronze, nickel silver—sheet, rod, wire, tube) Waterbury
- Mill Supplies**
Wilcox-Crittenden Div., North & Judd Mfg. Co. Middletown
- Millwork**
Hartford Builders Finish Co. Hartford
- Miniature Precision Connectors**
Gorn Electric Co. Stamford
- Minute Minders**
Lux Clock Mfg. Co., The Waterbury
- Mirror Rosettes and Hangers**
Waterbury Companies, Inc. Waterbury
- Missile Details**
Tag Alloy Welding & Mfg. Co., Inc. (weldments) Glastonbury
- Mixing Equipment**
Alsop Engineering Co. Milldale
Eastern Industries, Inc. New Haven
- Model Work**
B. & N. Tool & Engineering Co. (instruments and timing devices) Thomaston
- Models and Prototypes**
Elmwood Tool & Machine Company, Inc. Elmwood
Research & Development Designers, Inc. Middletown
- Mold Frames**
Superior Steel Products Corp. Cheshire
- Molded Fiberglass Products**
Fiberglass Products Eng. Co. South Norwalk
- Moldings—Powder Metal Materials**
American Sinterings Div., Engineered Plastics Watertown
- Mops**
Fuller Brush Co., The (wet and dry mops and dusters) East Hartford
- Motion Picture Equipment**
Victor Animatograph Corp., a div. of Kallart (16 mm. sound and silent projectors, film splicers, and rewinders) Plainville
- Motion Pictures**
Cine-Video Productions, Inc. Milford
- Motor Drives**
Electronic Controls, Inc. (adjustable speed) Stamford
- Motor—Generator Sets**
Electric Specialty Co. Stamford
Safety Electrical Equipment Corp. New Haven
- Motors—Electric Timing**
Cramer Controls Corp., The Centerbrook
- Motors Synchronous**
Cramer Controls Corp., The Centerbrook
Electric Specialty Co. Stamford
- Moulded Plastic Products**
Butterfield, Inc., T. F. Naugatuck
U. S. Plastic Molding Corp. Wallingford
Waterbury Companies, Inc. Waterbury
Watertown Mfg. Co., The Watertown
- Mouldings**
Himmel Brothers Co., The (architectural, metal and store front) Hamden
- Moulds**
Hoggston & Pettis Mfg. Co., The (steel) New Haven
- Name Plates**
Cooney Engraving Co. Branford
Quality Name Plate, Inc. East Glastonbury
Seton Name Plate Co. (metal & plastic name plates and identification tags) New Haven
- Napper Clothing**
Standard Card Clothing Co., The (for textile mills) Stafford Springs
- Nettings**
Wilcox Lace Corp., The Middletown
- New Product Consultants**
Business Incubation Laboratory Wilton
- Nickel Anodes**
Apothecaries Hall Co. Div., The Hubbard
Hall Chemical Co. Waterbury
Seymour Mfg. Co., The Seymour
- Nickel Silver**
Anaconda American Brass Company, The Waterbury
Miller Co., The (in coils and strips) Meriden
Plume & Atwood Mfg. Co., The Thomaston
Waterbury Rolling Mills, Inc. (sheets, strips, rolls) Waterbury
- Nickel Silver Ingot**
Whipple and Choate Co., The Bridgeport
- Night Latches**
Sargent & Company New Haven
- Nitriding**
Hartford Machine Screw Co. Hartford
- Non-ferrous Metal Castings**
Miller Company, The Meriden
Scovill Manufacturing Company Waterbury
- Nuclear Details**
Tag Alloy Welding & Mfg. Co., Inc. (weldments) Glastonbury
- Nuts, Bolts and Washers**
Clark Brothers Bolt Co. Milldale
Hartford Machine Screw Co. Div. of Standard Screw Co. Hartford
Torrington Co., The Torrington
- Office Equipment**
Pitney-Bowes, Inc. Stamford
Thermo-Fax Sales of Conn., Inc. New Haven
Underwood Corporation Hartford
Wassell Organization, Inc. Westport
- Office Printing**
Kellogg & Bulkeley, A Div. of Connecticut Printers, Inc. Hartford
- Offset Printing**
City Printing Co., The New Haven
Heminway Corporation Waterbury
- Oil Burners**
Peabody Engineering Corp. (Mechanical or Steam Atomizer) Stamford
Silent Glow Oil Burner Corp., The Hartford
- Oil Tanks**
Norwalk Tank Co. Div. Mersick Industries, Inc. South Norwalk
Whitlock Mfg. Co., The Hartford
- Oils—Cutting**
Anderson Oil and Chemical Co., Inc. Portland
- Optical Comparator Charts**
Research & Development Designers, Inc. Middletown
- Optical Instruments**
Barnes Engineering Co. (and systems) Stamford
- Otis Woven Awning Stripes**
The Falls Company Norwich
- Ovens**
Rockwell Co., W. S. (Industrial) Fairfield
- Ovens—Electric**
Bauer & Company, Inc. Hartford
- Packaging**
Commerce Packaging Corporation (military, commercial & export canning & crating) Stamford
Seri-Print, Inc. (silk screened on plastic, metal, glass) Waterbury
- Packaging—Engineering**
Commerce Packaging Corp. Stamford
Progressive Packaging Corp. (military & commercial for domestic and export packaging, canning, crating and shipping) East Haven
- Packaging & Packing**
Commerce Packaging Corp. (military, commercial, plastic & blister, export & domestic crating) Stamford
Mercer & Stewart Co., The Hartford
- Packing**
Auburn Manufacturing Co., The (leather, rubber, asbestos, fibre) Middletown
Raybestos Div. of Raybestos-Manhattan, Inc. (Asbestos and Rubber Sheet) Bridgeport
- Padlocks**
Sargent & Company New Haven
Waterbury Lock & Specialty Co., The Milford
- Pads—Office**
The Baker Goodyear Company Branford
- Paints**
Tredennick Paint Mfg. Co., The Meriden
- Panels**
Tech Design Co., Inc., (designers & fabricators of control centers) Ansonia
- Panelyte**
Leed Co., The H. A. Hamden
- Pania**
Moore Special Tool Co (crush wheel dresser) Bridgeport
- Paperboard**
Continental Can Co., Boxboard and Folding Carton Division Montville
Federal Paper Board Co., Inc. New Haven
New Haven Board & Carton Co., The New Haven
Robertson Paper Box Co. Montville

CONNECTICUT PRODUCTS AND SERVICES

Paper Boxes
Atlantic Carton Corp. (folding) Norwich
National Folding Box Co. Div. Federal
Paper Board Co., Inc. (folding)
New Haven & Versailles
Bristol
Mills, Inc. H. J. Bristol
New Haven Board & Carton Co., The
New Haven
Robertson Paper Box Co. (folding)
Moutville

Paper Boxes—Folding and Setup
Bridgeport Paper Box Co. Bridgeport
M. Backers' Sons, Inc. Wallingford

Paper Clips
H. C. Cook Co., The (steel) Ansonia

Paper Fasteners
Oakville Co. Div. Scovill Mfg. Co. Oakville

Paper Mill Machinery
Farrel-Birmingham Company, Inc. Ansonia

Paper Products
Nu-Wipe, Inc. (towel, dusting, polish-
ing, finishing, packaging) Plainville

Paper—Shredded
Nielsen & Sons, Inc., John R. South Windsor

Paper Tubes and Cores
Sonoco Products Co. Mystic

Parallel Tubes
Sonoco Products Co. Mystic

Parking Meters
Rhodes, Inc., M. H. Hartford

Paris
Amco Manufacturing, Inc. Town of
East Windsor, Warehouse Point
Hartford Machine Screw Co., Div. of
Standard Screw Co. Hartford
Scovill Manufacturing Company (ammuni-
tion, electric instrument, electrical ap-
pliance, fountain pen, instrument light-
ing fixture, ordnance, etc.—blanked,
stamped, formed, drawn, re-drawn,
forged, screw machined, headed, pointed,
finished) Waterbury
Torrington Co., The Torrington

Parts and Assemblies
Amco Manufacturing, Inc. Town of
East Windsor, Warehouse Point
Custom Products Corp. Bridgeport

Perfumes
Chesebrough-Pond's, Inc. Clinton

Personnel Consultants
Advancement Opportunities Hartford
Snelling & Snelling Hartford
Wirth Management Company Wilton

Personnel Recruiting
Administrative-Technical Personnel Service
(executive) Hartford
Advancement Opportunities Hartford

Pet Furnishings
Andrew B. Hendrix Co., The New Haven

Phosphate Coating
Black Oxide, Inc. New Britain

Phosphor Bronze
Anaconda American Brass Company, The
(brass & copper) Waterbury
Miller Company, The (sheets, strips, rolls)
Meriden
Plume & Atwood Mfg. Co., The Thomaston
Waterbury Rolling Mills, Inc. (sheets,
strips, rolls) Waterbury

Phosphor Bronze Ingots
Whipple and Choate Co., The Bridgeport

Photo Engraving
Dowd, Wyllie & Olson, Inc. Hartford
Wilcox Photo Engraving Co., Inc. New Haven

Photocopy Equipment and Supplies
Ludwig, Inc., F. G. Old Saybrook
Photographic Equipment
Kalart Company, Inc. Plainville

Photographic Murals
Eitel, Walter T. (color & black and white)
West Hartford

Photography
Eitel, Walter T. West Hartford

Piano Repairs
Pratt Read & Co., Inc. (keys and action)
Ivoryton

Piano Supplies
Pratt Read & Co. (keys and actions, backs,
plates) Ivoryton

Pillow Blocks
New Departure Div. of General Motors
(ball) Bristol

Pins
CEM Company ("Spirol") Danielson
Hartford Machine Screw Co. Div. of
Standard Screw Co. Hartford
Oakville Co. Div. Scovill Mfg. Co. (safety
& straight) Oakville
Star Pin Co., The (straight and safety) Shelton
Torrington Co., The (Dowel & Taper)
Torrington

Pins—Common
Dorset-Rex, Inc., Subsidiary of Landers,
Frery & Clark Thomaston
Union Pin Co., The Winsted

Pins—Plastic Heads
Union Pin Co., The Winsted

Pipe
Anaconda American Brass Company, The
Waterbury
Chase Brass & Copper Co. (red brass and
copper) Waterbury
Howard Co. (cement well and chimney)
New Haven

Pipe Fittings
Malleable Iron Fittings Co. Branford

Pipe Organs
Austin Organs, Inc. Hartford

Pipe Plugs
Hartford Machine Screw Co. Div. of
Standard Screw Co. Hartford

Pipe Plugs—Socketed
Hartford Machine Screw Co. Div. of
Standard Screw Co. Hartford

Pistols & Revolvers
Colt's Patent Fire Arms Mfg. Co., Inc. Hartford

Plant Protection
Interstate Industrial Protection Co. Bridgeport

Plastic Blister Packaging
Commerce Packaging Corporation (ball
bearings & small parts) Stamford

Plastic Bottles
Plax Corporation Bloomfield
Seri-Print, Inc. (silk screen labeling)
Waterbury

Plastic Buttons
Frank Parizek Manufacturing Co., The
West Willington

Plastic Contings
Plastonics, Inc. East Hartford
Plastic Engraving
New England Engraving Co. Div. of Dura
Plastics of New York, Inc. Westport
Salisbury Products, Inc. Lakeville

Plastic Extruders
Danielson Mfg. Co., The (nylon and other
engineering plastics) Danielson
Jessall Plastics Div. of The Electric
Storage Battery Co. Kensington

Plastic Fabrication
Dura Plastics of New York, Inc. Westport
Fabricon Corp. Unionville
New England Rack Co., Inc. (hood & duct
systems, tanks, etc.) Hamden
Salisbury Products, Inc. Lakeville

Plastic Film & Sheet Materials
Gilman Brothers Co., The Gilman
Plax Corporation Bloomfield
Shore Line Industries, Inc. Clinton

Plastic Forming
Auto-Vac Co.-Auto-Blow Corp (vacuum &
pressure forming, blow molding) Fairfield
Dura Plastics of New York, Inc. Westport

Plastic Lining Equipment
Enthone, Inc. New Haven

Plastic Material
Dura Plastics of New York, Inc. (sheet,
rod & tube) Westport

Plastic Molders
B & B Plastics, Inc. Oakville
Butterfield, Inc. T. F. Naugatuck
Coggins Mfg. Co., The J. B. Meriden
Conn. Plastics Waterbury
Danielson Mfg. Co., The (nylon and other
engineering plastics) Danielson
Engineered Plastics, Inc. Watertown
Plastic Molding Corporation Sandy Hook

Rogers Mfg. Co., The Rockfall
Specialty Plastics Corp. (custom) Shelton
Stanley Chemical Co., The East Berlin
U. S. Plastic Molding Corp. Wallingford
Waterbury Companies, Inc. Waterbury
Waterbury Mfg. Co., The Watertown

Plastic Pipe and Fittings
Danielson Mfg. Co., The (nylon and other
engineering plastics) Danielson
Enthone, Inc. New Haven
Jessall Plastics Div. The Electric Storage
Battery Co. Kensington

Plastic Rod
Danielson Mfg. Co., The (nylon and other
engineering plastics) Danielson
Jessall Plastics Div. The Electric Storage
Battery Co. Kensington

Plastic Strip
Danielson Mfg. Co., The (nylon and other
engineering plastics) Danielson
Jessall Plastics Div. The Electric Storage
Battery Co. Kensington

Plastic Tubing
Danielson Mfg. Co., The (nylon and other
engineering plastics) Danielson
Jessall Plastics Div. The Electric Storage
Battery Co. Kensington

Plastic Wire Coating Materials
Electronic Rubber Co. Stamford

Plastics
Naugatuck Chemical Division, United
States Rubber Co. Naugatuck
(Advt.)

Plastics & Resins
American Cyanamid Co., Plastics &
Resins Div. Wallingford

Plastics—Moulds & Dies
Crown Tool & Die Co., Inc. Bridgeport

Plasticrete Block
Plasticrete Corp. Hamden, Hartford,
North Haven, Waterbury, Willimantic

Platers
Acme Chromium Plating Co. New Haven
Christie Plating Co. Groton
Chromium Process Company, The (Chrom-
ium Plating only) Shelton
Water Plating Company Waterbury

Platers' Equipment
Apothecaries Hall Company Waterbury
Enthone, Inc. New Haven
Lea Manufacturing Co., The Waterbury
MacDermid Incorporated Waterbury

Plating
Christie Plating Co., The (including lead
plating) Groton
Glering Metal Finishing, Inc. Hamden
Roberts Plating Company Naugatuck
Tec-Plate, Inc. Windsor Locks

Plating Processes and Supplies
Enthone, Inc. New Haven
Seymour Manufacturing Co., The Seymour

Plating Racks
New England Rack Co., Inc. (anodizing,
conveyor, etc.) Hamden

Plumbers' Brass Goods
McGuire Mfg. Co. Waterbury
Scovill Manufacturing Co. Waterbury

Pneumatic Conveyors
Spencer Turbine Co., The Hartford

Pole Line Hardware
Malleable Iron Fittings Co. Branford

Police Equipment
The Smith-Worthington Saddlery Co. Hartford

Polishing
C. & E. Metal Finishing Co., Inc. Hartford
Mirror Polishing & Plating Co., Inc. Waterbury

Postage Meters
Pitney Bowes, Inc. Stamford

Potentiometers—Electronic
Bristol Company, The Waterbury

Power Wrenches
Cushman Chuck Co. (chucks) Hartford

CONNECTICUT PRODUCTS AND SERVICES

Precision Machining
National Tool & Die Co. Hartford

Precision Machine Tool Spindles
Whitnon Manufacturing Co. (for milling, grinding, boring & drilling) Farmington

Precision Manufacturing
Amco Manufacturing, Inc. Town of East Windsor, Warehouse Point
American Standard Products, Inc. Hartford
Hartford Machine Screw Co., Div. of Standard Screw Co. Hartford
Scovill Manufacturing Company Waterbury
Torrington Co., The Torrington
Precision Revolving Machinery
Whitnon Manufacturing Co. Farmington

Precision Sheet Metal Fabrication
Milford Fabricating Co. Milford

Precision Springs & Wire Forms
Rowley Spring Co., Inc., The Bristol

Premium Specialties
Waterbury Companies, Inc. Waterbury

Preservatives—Wood, Rope, Fabric
Darworth Incorporated ("Cuprinol") Simsbury
("Cellu-san")

Pressboard
Case Brothers, Inc. (genuine) Manchester
Case & Risley Press Paper Co. (genuine) Oneeco

Presses
Farrel-Birmingham Co., Inc. (Hydraulic) Ansonia

Presses—Power
Pneumatic Application Co., The (modernization of presses through conversion to Wichita Air Clutch operation) Simsbury
Waterbury Farrel Foundry & Machine Co., The, Div. of Tectron, Inc. Waterbury

Pressure Vessels
Bigelow Co., The New Haven
Norwalk Tank Co. Div. Mersick Industries, Inc. South Norwalk
Koleck, Inc. Fairfield
Whitlock Mfg. Co., The Hartford

Printing
Allied Printing Service, Inc. Manchester
Bussmann Press, Inc. New Haven
City Printing Co., The New Haven
Connecticut Printers, Inc. Hartford
Finlay Brothers Hartford
Hemlinway Corporation, The Waterbury
Hildreth Press Bristol
Hunter Press Hartford
Lehman Brothers, Inc. New Haven
Miller-Johnson, Inc. Meriden
Seri-Print, Inc. (silk screening for all aerosol & cosmetic containers) Waterbury
Taylor & Greenough Co., The Wethersfield
Typo Press (and Lithography) Bridgeport
T. B. Simonds, Inc. Hartford
A. D. Steinbach & Sons New Haven
The Walker-Rackliff Company New Haven

Printing Machinery
Banthia Engineering Co (automatic) Bridgeport

Printing Plates
Ads, Inc., Div. CSW Plastic Types, Inc. (mats services) Rocky Hill

Printing Rollers
Chambers-Storek Company, Inc., The (engraved) Norwich

Printing—Silk Screen
Ad-Craft Displays, Inc. Bloomfield

Production
House Co., N. E. (Assembly, Stampings, Drilling & Tapping) East Hampton

Production Control Equipment
Ripley Company, Inc. Middletown
Wassell Organization, Inc. Westport

Propellers—Aircraft
Hamilton Standard Div. United Aircraft Corp. (propellers and other aircraft equipment) Windsor Locks

Protective Coatings
Harrison Company, The A. S. (waxes) South Norwalk

Public Relations Counsel
Brunelle Co., The Charles Hartford

Publicity Services
Brunelle Co., The Charles Hartford
Watson-Manning Advertising Stratford

Publishers
O'Toole & Sons, Inc., The Stamford

Pumps
Aslop Engineering Co. Milldale
Sonic Engineering Co. Stamford
Sump Pumps, Inc. (deep-well electro-submersible) Stamford

Pumps—Small Industrial
Eastern Industries, Inc. New Haven

Punches
Hoggson & Pettis Mfg. Co., The (ticket & cloth) New Haven

Purchasing Service—Industrial
Hartz-Miller Associates Meriden

Putty Softeners—Electrical
Fletcher Terry Co., The Forestville

Pyrometers
Bristol Co., The (recording and controlling) Waterbury

Radar Speed Meters
Automatic Signal Div. Eastern Industries, Inc. Norwalk

Radiation—Finned Copper
Bush Manufacturing Co. West Hartford
G & O Manufacturing Company, The New Haven
Vulcan Radiator Co., The (steel and copper) Hartford

Radiation Shielding Products
Ray Proof Corporation Stamford

Radiators—Engine Cooling
G & O Manufacturing Co. New Haven

Ratchet Offset Screw Driver
Chapman Co., J. W. Durham

Rayon Staple Fiber
Hartford Fibres Co. div Bigelow Sanford Co. Rocky Hill

Reamers
Atrax Company, The (solid carbide) Newington
Pratt & Whitney Co., Inc. (all types) West Hartford
Pratt & Whitney Co., Inc. (all types carbide and HSS) West Hartford

Reamers—Helical
Gammons-Hoaglund Co., The Manchester

Reamers—Machine
Gammons-Hoaglund Co., The Manchester

Reamers—Taper
Gammons-Hoaglund Co., The Manchester

Record Equipment
Wassell Organization, Inc., (filling equipment) Westport

Recorders
Bristol Co., The (automatic controllers, temperature, pressure, flow, humidity) Waterbury

Recording Machines
Dictaphone Corporation Bridgeport

Reduction Gears
Snow-Nabstedt Gear Corp., The New Haven

Reels—Wooden
Bridge Mfg. Co., The (for wire and cable) Hazardville

Refractories
Howard Company New Haven
Mullite Works Refractories Div. H. K. Porter Co., Inc. Shelton

Refrigeration
Dunham-Bush, Inc. West Hartford
Refrigeration Condensing Units
Brunner Division of Dunham-Bush, Inc. West Hartford

Refrigeration Service
Hartford Refrigeration Service, Inc. Hartford

Relays
Allied Control, Inc. Plantsville

Rental
HB Motion Picture Service (audio-visual equip.—all types) New Haven

Research and Development
Continental Engineering Corporation Farmington
Raymond Engineering Laboratories (Electro-Mechanical) Middletown
Research & Development Designers, Inc. Middletown
Sperry Products Co., Div. Howe Sound Co. (Ultrasonic) Danbury

Resistance Wire
C. O. Jeliff Mfg. Co., The (nickel chromium, copper nickel, iron chromium, aluminum) Southport
Kanathal Corporation, The Stamford

Respirators
American Optical Company, Safety Products Division Putnam

Retainers
Lacey Manufacturing Co., The (precision ball bearing) Bridgeport

Rigid Plastic Sheet Material
Gilman Brothers Company, The Gilman

Riveting Machines
Grant Mfg. Co., The Bridgeport
Linley Brothers Company Bridgeport
Patent Button Co., The (automatic) Waterbury
Ripley Company, Inc. Middletown
H. P. Townsend Manufacturing Co., The Elmwood

Rivets
Clark Brothers Bolt Co. Milldale
Dorset-Rex, Inc., Subsidiary of Landers, Frary & Clark Thomaston
Milford Rivet & Machine Co., The Milford

Rivet Setting Machines
Milford Rivet & Machine Co., The Milford

Rods
Anaconda American Brass Company, The (copper, brass, bronze) Waterbury
Bristol Brass Corp., The (brass and bronze) Bristol
Scovill Manufacturing Company (aluminum, brass, bronze, etc.) Waterbury

Rollers—Bituminous Paving
Gabb Special Products Div. E. Horton & Son Company Windsor Locks

Rolled Shapes
Cowles & Co., C. (and mouldings) New Haven

Rolling Mills & Equipment
Fenn Mfg. Co., The Newington
Precision Methods & Machines, Inc. Waterbury
Waterbury Farrel Foundry & Machine Co., The, Division of Tectron, Inc. Waterbury

Rolls
Farrel-Birmingham Company, Inc. (Chilled and Alloy Iron, Steel) Ansonia

Rotary Files
Atrax Company, The (carbide) Newington

Routers
Atrax Company, The (solid carbide) Newington

Rubber Chemicals
Nauvattuck Chemical Division United States Rubber Co. Nauvattuck
Stamford Rubber Supply Co., The ("Fac-tice" Vulcanized Vegetable Oils) Stamford

Rubber Drug Sundries
Seamless Rubber Company New Haven

Rubber Footwear
Goodyear Rubber Co., The Middletown

Rubber Latex Compounds and Dispersions
Nauvattuck Chemical Division United States Rubber Co. (coating, impregnating and adhesive compounds) Nauvattuck

Rubber Machinery
Farrel-Birmingham Company, Inc. Ansonia

CONNECTICUT PRODUCTS AND SERVICES

Rubber—Molded Specialties

Alex Rubber Prod. Corp. Portland
Associated Gaskets, Inc. Bridgeport
Bond Rubber Corporation Derby
Wasley Products, Inc. Plainville

Rubber Products

Alex Rubber Prod. Corp. Portland

Rubber Printing Plates

ADS, Inc., Div. CSW Plastic Types, Inc. Hartford

Rubber Products—Mechanical

Associated Gaskets, Inc. Bridgeport
Auburn Mfg. Co., The (washers, gaskets, molded parts) Middletown

Rubber—Reclaimed

Naugatuck Chemical Division United States Rubber Co. Naugatuck

Rubber Specialties

Seamless Rubber Company New Haven

Rubberized Fabrics

Duro-Gloss Rubber Co., The New Haven

Rubbers

Naugatuck Chemical Div. U. S. Rubber Co. (synthetic rubbers and latex) Naugatuck

Rust Preventives

Anderson Oil and Chemical Company, Inc. Portland
Enthone, Inc. New Haven

Rust Removers

Enthone, Inc. New Haven

Saddlery

The Smith-Worthington Saddlery Co. Hartford

Safety Belts

Russell Mfg. Co. Middletown

Safety Clothing

American Optical Company Safety Products Division Putnam

Safety Fuses

Ensign-Bickford Co., The (mining & detonating) Simsbury

Safety Gloves and Mittens

American Optical Company Safety Products Division Putnam

Safety Goggles

American Optical Company Safety Products Division Putnam

Sales Promotion

Langleier-Stevens, Inc. Orange

Salvage Service

Walton Co., The (broken tools extracted) West Hartford

Saw Blades—Hack

Capewell Mfg. Co., The Hartford

Saw Blades—Hack & Band

Capewell Manufacturing Company Hartford
Thompson & Son Co., The Henry G. New Haven

Saws, Band, Metal Cutting

Atlantic Saw Mfg. Co. New Haven
Capewell Manufacturing Co., The Hartford

Saws—Hole

Capewell Manufacturing Co., The Hartford
Thompson & Son Co., The Henry G. New Haven

Sawdust

Nielson & Sons, Inc., John R. (graded hardwood and softwood) South Windsor

Scissors

Acme Shear Company, The Bridgeport

Screens

Norlee Aluminum Prod. Corp. Bloomfield

Screw Caps

Weimann Bros. Mfg. Co., The (small for bottles) Derby

Screw Machines

H. P. Townsend Mfg. Co., The Elmwood

Screw Machine Products

Accurate Screw Products, Inc. (B & S Swiss & Davenport) Southington
American Standard Products, Inc. Hartford
Apex Tool Co., Inc., The Bridgeport
Auto Electric Screw Machine Co., Inc. Bridgeport

Brown Manufacturing Co. (up to 1½" capacity) Plainville
Consolidated Industries West Chester
Dav-matic, Inc. (davenport & automatics exclusively) Waterbury
Eastern Machine Screw Corp., The New Haven

Fairchild Screw Products, Inc. Winsted
Garthwait Mfg. Co., A. E. (up to and incl. ½") Waterbury
Greist Mfg. Co., The (up to 1½" capacity) New Haven

Hartford Machine Screw Co. Div. of Standard Screw (up to 5" capacity) Hartford
Horberg Grinding Industries, Inc. (heat treated and ground type only) Bridgeport
Stanley Humason, Inc. Forestville
Independent Screw Company (up to and incl. 1½" capacity) West Hartford
Junior Screw Machine Products, Inc. West Haven

Lowe Mfg. Co., The Wethersfield
Mailly Mfg. Co. (Swiss) Wolcott
Mayflower Manufacturing Co. Unionville
National Automatic Products Company, The Berlin

Nelson's Screw Machine Products Plantsville
New Haven Screw Machine Prods. Inc. (up to 1½" capacity) Milford
Newton Screw Machine Prods. Co. Plainville
Olson Brothers Company (up to ½" capacity) Plainville

Olson & Sons, R. P. Southington
Products Design & Mfg. Corp. (precision) Newington
Scovill Manufacturing Company Waterbury
United Screw Machine Co. Thomaston
Waterbury Machine Tools & Products Co. (Brown & Sharpe and Davenport) Waterbury

Wheeler & Son, Inc., Frank Meriden

Screw Machine Tools

American Cam Company, Inc. (Circular Form Tools) Bloomfield
Cambridge Specialty Co., Inc. (flat & circular form tools) Kensington
Quaker Tool (H.S. cir. form tools) Waterbury

Pratt & Whitney Co., Inc. (Reamers, Taps, Dies, Blades and Knurls) West Hartford

Screws

Allen Mfg. Co., The Bloomfield
The American Screw Company Willimantic
Atlantic Screw Works Hartford
Bristol Company, The (socket set and socket cap screws) Waterbury
Clark Bros. Bolt Co., Inc. (cap and lag) Milford

Hartford Machine Screw Co. Div. of Standard Screw Co. Hartford
Scovill Manufacturing Co. Waterbury
Superior Manufacturing Co., The Winsted
Torrington Co., The Torrington

Screws—Socket

Allen Manufacturing Co., The Bloomfield
Bristol Co., The Waterbury
Hartford Machine Screw Co. Div. of Standard Screw Co. Hartford

Screw Stock

Driscoll Wire Co., The (steel) Shelton

Screw Threads—Inserts

Hell-Coll Corp. Danbury

Sealing Tape Machines

Better Packages, Inc. ("Counterboy," "Tape-Shooter," "Big Inch") Shelton

Seals

Russell Mfg. Co. (for oven doors and fire bulkheads) Middletown

Sewing Machines

Greist Mfg. Co., The (Sewing Machine attachments) New Haven
Singer Manufacturing Co. The (Industrial) Bridgeport

Sharpeners

Gorn Electric Co., Inc. (electric knife and scissors) Stamford

Shears

Acme Shear Co., The (household) Bridgeport

Sheet Metal Products

Anaconda American Brass Company, The (brass and copper) Waterbury
Merriam Mfg. Co. (security boxes, fitted tool boxes, tackle boxes, displays) Durham

Parsons Co., Inc., W. A. (fabricators) Durham

Precision Sheet Metal Fabrication Div. Bar-Plate Mfg. Co., Inc. Orange

United Manufacturing Co. Div. Maxson Electronics Corporation Hamden

Sheet Metal Stampings

American Buckle Co., The West Haven
Anaconda American Brass Company, The Waterbury

Dorset-Rex, Inc., Subsidiary of Landers, Frary & Clark Thomaston

Scovill Manufacturing Co. (aluminum, brass, bronze, copper, nickel silver, steel and other metals and alloys) Waterbury

Sheet Steel

Dolan Steel Co., Inc. Bridgeport

Shell Cores

Victors Brass Foundry, Inc. Guilford

Shell Molding

Victors Brass Foundry, Inc. Guilford

Shells

Cly-Del Manufacturing Co. Waterbury
Lakewood Metal Products, Inc. (all metals) Waterbury

Salem Mfg. Co. Prospect

Scovill Manufacturing Co. (aluminum, brass, bronze, copper, nickel silver—drawn, stamped—electric socket, screw) Waterbury

Wolcott Tool and Manufacturing Co., Inc. Waterbury

Showcase Lighting Equipment

Wiremold Company, The Hartford

Signals

H. C. Cook Co., The (for card files) Ansonia

Signs

Ad-Craft Displays, Inc. (all types, quantity only) Bloomfield
Leonard Sign Co. (neon & factory identification) Hartford

Silk Screen Plates—Supplies

Seri-Print, Inc. Waterbury

Silk Screen Process Printing

Ad-Craft Displays, Inc. Bloomfield
Norton Co., R. H. New Haven

Seri-Print, Inc. (for aerosol and cosmetic containers) Waterbury

Sirocco Screen prints New Haven
Stifel & Kuffa, Inc. New Britain

Silk Screening on Metal

Ad-Craft Displays, Inc. Bloomfield
Merriam Mfg. Co. (Displays and Specialties to order) Durham

Silverware

Wallace Silversmiths, Inc. Wallingford

Simulators

Reflectone Electronics, Inc. Stamford

Sintered Metal Products

American Sintering Div. of Engineered Plastics, Inc. (Powder Metal Parts) Watertown

Raybestos Div. of Raybestos-Manhattan, Inc. Bridgeport

Sizing and Finishing Compounds

American Cyanamid Co. Waterbury

Slide Fasteners

G. E. Prentice Mfg. Co., The Kensington
Scovill Mfg. Co. (GRIPPER zippers) Waterbury

Smoke Stacks

Norwalk Tank Co. Div. Mersick Industries, Inc. South Norwalk

Snap Fasteners

Patent Button Co., The Waterbury
Scovill Mfg. Co. (GRIPPER snap fasteners) Waterbury

Snapout and Continuous Forms

Connecticut Printers, Inc. Hartford

Soap

Fuller Brush Co., The (personal, household and industrial) East Hartford

Socket Cap Screws

Holo-Krome Screw Corp. West Hartford

Socket Pipe Plugs

Holo-Krome Screw Corp. West Hartford

Socket Screw Keys

Holo-Krome Screw Corp. West Hartford

CONNECTICUT PRODUCTS AND SERVICES

Socket Set Screws
Holo-Krome Screw Corp. West Hartford

Socket Shoulder Screws
Holo-Krome Screw Corp. West Hartford

Soldering Irons
Electric Soldering Iron Co., Inc. Deep River

Sound Equipment
Venco Electronics Corp. New Haven

Spanner Nuts
McMellon Bros., Inc. Bridgeport

Special Machinery
Amco Manufacturing, Inc. Town of
East Windsor, Warehouse Point
Banthin Engineering Co. (complete and/or
parts) Bridgeport
Farrel-Birmingham Co., Inc. Ansonia
Federal Machine & Tool Co. Bristol
Fenn Mfg. Co., The Newington
Hartford Special Machinery Co., The
Hartford
H. P. Townsend Mfg. Co., The Elmwood
Lacey Mfg. Co., The Bridgeport
National Sherardizing Machine Co. (man-
drels & stock shells for rubber industry) Hartford
Tucker Machine Co. New Haven

Special Machining
Superior Steel Products Corp. Cheshire

Special Parts
American Standard Products, Inc. Hartford
Custom Products Corp. Bridgeport
Fenn Mfg. Co., The Newington
Greist Mfg. Co., The (small machines, espe-
cially precision stampings) New Haven
Hartford Machine Screw Company Div.
of Standard Screw Co. Hartford
Torrington Co., The Torrington

Specialties—Wire
J. C. Products, Inc. Higganum

Spline Milling Machines
Townsend Mfg. Co., The HP Elmwood

Spools—Paper & Fibre
Sonoco Products Co. Mystic

Sporting Goods
Seamless Rubber Co. New Haven

Spotwelding
Spotwelders, Inc. (aluminum, steel, mag-
nesium, titanium & alloys) Stratford

Spouts
Waterbury Companies, Inc. (for Lighter
Fluids and Light Oils) Waterbury

Spray Painting
Stamford Polishing & Plating Corp. Stamford

Spray Painting Equipment & Supplies
Lea Manufacturing Co., The Waterbury

Spring Coiling Machines
Torrington Mfg. Co., The Torrington

Spring Presses
Townsend Mfg. Co., The H. P. Elmwood

Spring Units
Owen Silent Spring Div. American Chain
& Cable Company, Inc. Bridgeport

Spring Washers
Barnes Co., The Wallace Div. Associated
Spring Corp. Bristol

Spring
CE-JA Springs, Inc. (coil & torsion)
Newington

Spring—Coil & Flat
Barnes Co., The Wallace Div. Associated
Spring Corp. Bristol
Barrett Co., William L. Bristol
Bristol Spring Mfg. Co. Plainville
Foursome Mfg. Co. Bristol
Newcomb Spring Corp., The Southington
New England Spring Mfg. Co. Unionville
Peck Spring Co., The Plainville
Stanley Humason, Inc. Forestville

Spring—Flat
Barnes Co., The Wallace Div. Associated
Spring Corp. Bristol
Bristol Spring Mfg. Co. Plainville
Foursome Manufacturing Co. Bristol
New England Spring Mfg. Co. Unionville
(Adv.)

Spring—Wire
Banner Spring Corporation Hartford
Barnes Co., The Wallace Div. Associated
Spring Corp. Bristol
Bernston Co., J. W. Plainville
Bristol Spring Mfg. Co. Plainville
Colonial Spring Corp., The Hartford
Connecticut Spring Corp., The (compression,
extension, torsion) Hartford
Everett Co., Inc. (coil and torsion) New Britain
Foursome Manufacturing Co. Bristol
Newcomb Spring Corp., The Southington
New England Spring Mfg. Co. Unionville
D. R. Templeman Co. (coil and torsion) Plainville
Terry Spring Company Terryville

Stamped Metal Products
Anaconda American Brass Company, The
Waterbury

Stampings
Dorset-Rex, Inc., Subsidiary of Landers,
Frary & Clark Thomaston
Laminated Shim Co., Inc. Glenbrook
Foursome Manufacturing Co. Bristol
Lacey Mfg. Co., The (precision sheet
metal) Bridgeport
Prentice Mfg. Co., The G. E. Kensington
Scovill Mfg. Co., (aluminum, brass, bronze,
copper, nickel silver, steel and other
metals and alloys—automotive, electrical,
radio, etc.—deep drawn, enameled) Waterbury
Stanley Pressed Metal New Britain

Stampings—Small
Barnes Co., The Wallace Div. Associated
Spring Corp. Bristol
Barrett Co., William L. Bristol
Bristol Spring Mfg. Co. Plainville
Greist Mfg. Co., The New Haven
Laminated Shim Company, Inc. Glenbrook
Scovill Manufacturing Company Waterbury
Waterbury Companies, Inc. Waterbury
Wire Form, Inc. Milldale
Waterbury Pressed Metal Co. Waterbury

Stamps
Hoggson & Pettis Mfg. Co., The (steel) New Haven
Parker-Hartford Corp. (steel) Hartford
Schwab & Company (steel) Bridgeport

Stamped Assemblies
Cowles & Co., C. New Haven
Scovill Manufacturing Company Waterbury

Stationary Specialties
Anaconda American Brass Company, The
Waterbury

Steam Turbines
Whitton Machine Co. New London

Steel Castings
Malleable Iron Fittings Co. Branford
New England Alloy Casting Corp. (carbon,
low alloy and stainless steel castings) Hartford
Nutmeg Crucible Steel Co. Branford

Steel—Cold Rolled Spring
Eastern Steel and Metal Company West Haven
Barnes Co., The Wallace Div. Associated
Spring Corp. Bristol
Detroit Steel Corporation Hamden

Steel—Cold Rolled Stainless
Seymour Mfg. Co., The Seymour
Ulrich Stainless Steels Wallingford
Wallingford Steel Company Wallingford

Steel—Cold Rolled Strip
Feroleto Steel Co., Inc. Bridgeport
Detroit Steel Corporation Hamden

Steel—Cold Rolled Strip and Sheets
Eastern Steel and Metal Company West Haven
Wallingford Steel Company Wallingford

Steel Flanges
Ideal Forging Corp. (stainless) Southington

Steel Goods
Merriam Mfg. Co. (sheets products to
order) Durham

Steel—Ground Flat Stock
Thompson & Son Co., The Henry G.
New Haven

Steel Rolling Rules
Waterbury Lock & Specialty Co., The
Milford

Steel—Stainless Alloy and Carbon
Frasse & Co., Inc., Peter A. Hartford

Steel Stamps
Cooney Engraving Co. Branford

Steel Strapping
Douglas Industrial Supply Corporation
New Haven

Stereotypes
New Haven Electrotype Div. Electro-
graphic Corp. New Haven

Stop Clocks, Electric
H. C. Thompson Clock Co., The Bristol

Storage Batteries
R. A. E. Storage Battery Mfg. Co.
Glastonbury

Straps, Leather
Auburn Mfg. Co., The (textile, industrial,
skate, carriage) Middletown

Strip Steel
Detroit Steel Corp. New Haven
Dolan Steel Company, Inc. Bridgeport
Eastern Steel and Metal Company West Haven

Structural Mouldings
Leed Co., The H. A. Hamden

Studio Couches
Waterbury Mattress Co. Waterbury

Super Refractories
Mullite Works Refractories Div. H. K.
Porter Co., Inc. Shelton

Surface Metal Raceway & Fittings
Wiremold Company, The Hartford

Surgical Dressings
Acme Cotton Products Co., Inc.
East Killingly

Swaging Machinery
Fenn Mfg. Co., The Newington
Torrington Co., The Torrington
Waterbury Farrel Foundry & Machinery
Co., The, Div. of Textron, Inc. Waterbury

Sweeping Compounds
Nelson & Sons, Inc., John R.
South Windsor

Switches
Allied Control Co., Inc. (subminiature,
toggle & pushbutton) Plantsville

Switchboards Wire and Cables
Rockbestos Wire & Cable Co. Div. of Cerro
Corp. (asbestos insulated) New Haven

Tableware—Stainless Steel
Wallace Silversmiths, Inc. Wallingford

Tableware—Sterling Silver
Wallace Silversmiths, Inc. Wallingford

Tabulating Equipment—Manual
Denominator Company, Inc. Woodbury
Veeder-Root, Incorporated Hartford

Tanks
Alsop Engineering Co. Milldale
Bigelow Co., The (steel) New Haven
Connecticut Welders, Inc. (steel, alloy &
Inud) Wallingford
Enthone, Inc. New Haven
Norwalk Tank Co. Div. Mersick Industries,
Inc. South Norwalk
Rolock, Inc. (Alloy) Fairfield
Storts Welding Co. (steel and alloy) Meriden

Tape
Russell Mfg. Co. (Glass Electrical Insulat-
ing Tapes, Glass Fabrics for Plastic
Moulding) Middletown

Tape Machines
Better Packages, Inc. (Manual and electric
models for case taping) Shelton

Taps
Hanson-Whitney Co., The Hartford
Pratt & Whitney Co., Inc. West Hartford

Tap, Drill & Stud Removal
Walton Co., The West Hartford

CONNECTICUT PRODUCTS AND SERVICE 5

Tap Extractors
Walton Co., The (and extensions) West Hartford

Tarred Lines
Brownell & Co., Inc. Moodus

Technical Writing
Watson-Manning Advertising Stratford

Telemetering Instruments
Bristol Co., The Waterbury

Television—Radio
Junior Screw Machine Products, Inc. West Haven

Temperature Controllers
Electronic Controls, Inc. Stamford

Terminals
Waterbury Companies, Inc. Waterbury

Testers—Insulation Wire & Cable
Davis Electric Company Wallingford

Testers—Nondestructive, Ultrasonic
Branson Instrument, Inc. Stamford
Sperry Products Co., Div. of Howe Sound Co. (Ultrasonic, X-ray and magnetic particle) Danbury

Testing
American Metaseal, Inc. (pressure) Hamden

Testing Services
Sperry Products Co., Div. of Howe Sound Co. (Ultrasonic, X-ray and magnetic particle) Danbury
Metals Testing Co., Inc. (Certified Non-Destructive—Magnaflux, Zyglo) East Hartford

Textile Printing Gums
Polymer Industries, Inc. Springdale

Textile Processors
Amerbelle Corporation Rockville

Thermometers
Bristol Co., The (recording and automatic control) Waterbury
Manning Maxwell & Moore, Inc. Stratford

Thin Gauge Metals
Plume & Atwood Mfg. Co., The Thomaston
Thinsheet Metals Co., The (plain or tinned in rolls) Waterbury

Thread
American Thread Co., The Willimantic
Belding Heminway Corticelli Putnam

Threading
Products Design & Mfg. Corp. Newington

Thread Chasers
Geometric Tool Div., Greenfield Tap & Die Corp. New Haven

Thread Gages
Hanson-Whitney Co., The Hartford
Pratt & Whitney Co., Inc. West Hartford

Thread Milling
McMellon Bros., Inc. Bridgeport

Thread Milling Machines
Pratt & Whitney Co., Inc. West Hartford

Thread Repair Kits
Hell-Coll Corp. Danbury

Thread Rolling Machinery
Hartford Special Machinery Co. (flat die) Hartford
Shuster Wire Machine Div. Mettler Machine Tool, Inc. New Haven
Waterbury Farrel Foundry & Machine Co., The, Div. of Tectron, Inc. Waterbury

Threading Machines
Grant Mfg. & Machine Co., The (double end automatic) Bridgeport

Timers, Interval
A. W. Haydon Co., The Waterbury
H. C. Thompson Clock Co., The Bristol
Cramer Controls Corp., The Centerbrook
Rhodes, Inc., M. H. Hartford

Timing Devices
B & N Tool & Engineering Co. (development and model work) Thomaston
Cramer Controls Corp., The Centerbrook
A. W. Haydon Co., The Waterbury
Lux Clock Mfg. Co., The Waterbury
Rhodes, Inc., M. H. Hartford
United States Time Corp., The Waterbury

Timing Devices & Time Switches
A. W. Haydon Co., The Waterbury
Lux Clock Mfg. Co., The Waterbury
M. H. Rhodes, Inc. Hartford

Tinning
Thinsheet Metals Co., The (non-ferrous metals in rolls) Waterbury
Wilcox-Crittenden Div. North & Judd Mfg. Co. Middletown

Tissue
Sanitary Paper Mills, Inc. (Dovalettes facial, bathroom and handkerchiefs) East Hartford

Tires
Armstrong Rubber Co., The West Haven

Toiletries
Chesebrough-Pond's, Inc. Clinton

Tool Chests
Vanderman Mfg. Co., The Willimantic

Tool Hardening
Commercial Metal Treating Co. Bridgeport

Tools
B & N Tool & Engineering Co. (dies, jigs, fixtures, sub-press and progressive) Thomaston
Hoggson & Pettis Mfg. Co., The (rubber workers) 141 Brewery St. New Haven

Tool Designers
Crescent Tool & Design (tools & special machinery) Glastonbury
Research & Development Designers, Inc. Middletown

Tools & Dies
Metropolitan Tool & Die Hartford
Lacey Mfg. Co., The Bridgeport
Moore Special Tool Co. Bridgeport

Tools, Dies & Fixtures
Greist Mfg. Co., The New Haven

Tools, Dies, Jigs & Fixtures
Fairfield Tool Co., Inc., The Bridgeport
Lyons Tool & Die (modelwork, jig boring) Meriden
Otterbein Co., J. A. Middletown
RSV Engineering Co. (gages) Wethersfield
Telke Tool & Die Mfg. Co. Kensington

Tools, Fixtures, Gauges
Elmwood Tool & Machine Company, Inc. Elmwood
Fredericks Tool Co., J. F. West Hartford

Totalizers
Reflectone Electronics, Inc. Stamford

Toys
Geo. S. Scott Mfg. Co., The Wallingford
Gilbert Co., The A. C. New Haven
Gong Bell Mfg. Co., East Hampton
N. N. Hill Brass Co., The East Hampton
U. S. Plastic Molding Corp. Wallingford
Waterbury Companies, Inc. Waterbury

Traffic Signal Controls
Automatic Signal Div. Eastern Industries, Inc. Norwalk

Trucks—Commercial
Metropolitan Body Company (International Harvester Truck chassis and "Metro" bodies) Bridgeport

Tube Clips
Welmann Bros. Mfg. Co., The (for collapsible tubes) Derby

Tube Fittings
Scovill Manufacturing Co. (UNIFLARE flared tube and LOXIT compression tube) Waterbury

Tubers
Standard Machinery and Davis-Standard Divisions of Franklin Research Corp. Mystic

Tubes—Collapsible Metal
Sheffield Tube Corp., The New London

Tubing
Anaconda American Brass Company, The (brass & copper) Waterbury
G & O Manufacturing Co. (tinned) New Haven
Scovill Mfg. Co. (Brass and Copper) Waterbury
Wallingford Steel Co., The (stainless and super metals) Wallingford

Tubing—Carbon and Stainless Steel
Frasse & Co., Inc., Peter A. Hartford

Tubing—Flexible Metallic
Anaconda American Brass Co., The, Metal Hose Branch Waterbury

Tubing—Heat Exchanger
Anaconda American Brass Company, The Waterbury
Scovill Mfg. Co. Waterbury

Tumbling Barrels and Accessories
Nielsen & Sons, Inc., John R. South Windsor

Tumbling Equipment and Supplies
Esbee Barrel Finishing Corp. Byram

Tumbling Service
Esbee Barrel Finishing Corp. Meriden

Turntables
Macton Machinery Co., Inc. (Industrial & display) Stamford

Typewriters
Royal McBee Corp. Hartford
Underwood Corporation Hartford

Typewriter Ribbons and Supplies
Royal McBee Corp. Hartford
and Bridgeport

Uniforms
Magson Uniform Co. Kensington

Ultrasonic Equipment
Harris Transducer Corp., Sub. of General Instrument Corp. Woodbury
Branson Ultrasonic Corp. Stamford

Underwater Equipment
Seamless Rubber Co. New Haven

Universal Joints
Gray and Prior Machine Co. (for machinery) Hartford

Vacuum Bottles and Containers
American Thermos Products Co. Norwich

Vacuum Cleaners
Electrolux Corp. Old Greenwich
Spencer Turbine Co., The Hartford

Vacuum Coating
Illuminized Finish Co. Cromwell

Vacuum Metallizing
Aluminized Finish & Mfg. Co. Cromwell

Valves
Jenkins Bros. Bridgeport
Rockwell Co., W. S. (Butterfly) Fairfield

Valves—Aircraft
Bridgeport Thermostat Div. Robertshaw-Fulton Controls Co. Milford
Skinner Precision Industries, Inc., Skinner Electric Valve Div. New Britain

Valves—Relief & Control
Benton & Caldwell Mfg. Co. New Britain

Valves—Safety & Relief
Manning Maxwell & Moore, Inc. Stratford

Valves—Solenoid
Allied Control Co., Inc. Plantsville
Skinner Precision Industries, Inc., Skinner Electric Valve Div. New Britain

Vanity Boxes
Dorset-Rex, Inc., Subsidiary of Landers, Frary & Clark Thomaston
Scovill Mfg. Co. Waterbury

CONNECTICUT PRODUCTS AND SERVICES

Velvets
American Velvet Co. (owned and operated by A. Wimpfheimer & Bros., Inc., Inc.)
Stonington
Leiss Velvet Mfg. Co., Inc., The
Willimantic

Venetian Blinds
Findell Mfg. Co.
Manchester
Jennings Co., The S. Barry
New Haven

Ventilating Systems
Colonial Blower Co.
Plainville

Vibration Detection Equipment
Advanced Electronics, Inc.
Rocky Hill

Vibrators—Pneumatic
Branford Co., The (Industrial)
New Britain
Vinyl Extrusion & Moulding Compounds
Electronic Rubber Co.
Stamford

Vise Fixtures
Dery & Sons Tool & Die Co., A. L.
Pine Meadow

Vise Jaws
Dery & Sons Tool & Die Co., A. L.
(gang with loading trays)
Pine Meadow

Vises
Fenn Manufacturing Co., The (Quick-Action Vises)
Newington
Skinner Precision Industries, Inc.,
Skinner-Horton Chuck Div.
New Britain
Vanderman Mfg. Co., The (Combination Bench Pipe)
Willimantic

Wall Paper
Stamford Wall Paper Co., Inc.
Stamford

Washers
American Felt Co. (felt)
Glenville
Auburn Mfg. Co., The (all materials)
Middletown
Fabricon Corp.
Unionville

Washers—Felt
Chas. W. House & Sons, Inc. (Mills & Cutting Plant)
Unionville

Watches
E. Ingraham Co., The
Bristol
United States Time Corp., The
Waterbury

Washers—Precision
Laminated Shim Company, Inc.
Glenbrook

Water Deionizers
Penfield Mfg. Co.
Meriden

Water Heaters
Whitlock Mfg. Co., The (instantaneous & storage)
Hartford

Water Heaters—Electric
Bauer & Company, Inc.
Hartford

Waxes
Fuller Brush Co., The (liquid and paste for floor and furniture)
East Hartford
Harrison Company, The A. S. (and other protective coatings)
South Norwalk

Webbing
Russell Mfg. Co. (Webbing for Safety Seat Belts—all types of webbing)
Middletown

Welding
Aircraft Welding & Mfg. Co., Inc. (aluminum, stainless steel, magnesium)
Hartford
Ansonia Steel Fabrication Co., Inc. (steel stainless steel and aluminum fabrication)
Ansonia
Connecticut Welders, Inc. (fabrication & repairs)
Wallingford
Industrial Welding Co. (Equipment Manufacturers—Steel Fabricators)
Hartford
Storts Welding Company (tanks, coils & fabrication)
Meriden

Tag Alloy Welding & Mfg. Co., Inc. (nuclear, missile and aircraft type)
Glastonbury

Welding—Lead
Connecticut Welders, Inc. (tanks & coils)
Wallingford
Lead Products, Inc. (tanks & fabrication)
Manchester
Storts Welding Company (tanks, coils & anodes)
Meriden

Welding—Lead Bricks
Lead Products, Inc.
Manchester

Welding Rods
Anaconda American Brass Co., The
Waterbury
Bristol Brass Co., The (brass & bronze)
Bristol

Welding Solder
Lead Products, Inc. (wire, bar and cakes and babbitts)
Manchester

Wells
Church Co., The Stephen B.
Seymour
Wheel Dressers—Diamonds
Russell, Inc., R. R.
Newington

Wicks
Auburn Mfg. Co., The (felt, asbestos)
Middletown
Holyoke Heater Corp. of Conn., Inc.
Hartford

Window & Door Guards
Smith Co., The John P.
New Haven

Wire
Anaconda American Brass Company, The
Waterbury
Atlantic Wire Co., The (steel)
Branford
Bartlett Hair Spring Wire Co., The
North Haven
Bristol Brass Corp., The (brass & bronze)
Bristol
Driscoll Wire Co., The (steel)
Shelton
Hudson Wire Co., Winsted Div. (insulated & enameled magnet)
Winsted
Montgomery Company, The (fine copper, OFHC, cadmium, aluminum, tin or silver coated)
Windsor Locks
Platt Bros. & Co., The (zinc and zinc alloy wires)
Waterbury
Seovill Mfg. Co. (Brass, Bronze and Nickel Silver)
Waterbury
Viking Wire Co., Inc. (enameled magnet)
Danbury

Wire and Cable
Continental Wire Corp. (for industrial and military applications)
Wallingford
General Electric Company (for residential, commercial and industrial applications)
Bridgeport
Rockbestos Wire & Cable Co. Div. of Cerro Corp. (all asbestos, mining, shipboard and appliance applications)
New Haven (Advt.)

Wire Baskets
Rolock, Inc.
Fairfield
Wiretex Mfg. Inc. (Industrial, for acid, heat, treating and degreasing)
Bridgeport

Wire & Cable—High Temperature
Lewis Engineering Co., The
Naugatuck

Wire Cloth
C. O. Jelliff Mfg. Co., The (all metals, all meshes)
Southport
McCluskey Wire Co., Inc. (Fourdrinier)
New Haven
Pequot Wire Cloth Co., Inc. (industrial grades only)
Norwalk
Rolock, Inc. (alloy)
Fairfield
Smith Co., The John P.
New Haven

Wire Dipping Baskets
John P. Smith Co., The
New Haven

Wire Forming Machinery
Nilson Machine Co., The A. H.
Shelton
Torrington Mfg. Co., The
Torrington

Wire Formings
Master Engineering Co.
West Cheshire
North & Judd Mfg. Co.
New Britain
Oakville Co. Div. Seovill Mfg. Co. Oakville
Turner & Seymour Mfg. Co., The
Torrington

Wire Forms
Banner Spring Corp.
Hartford
Barnes Co., The Wallace Div. Associated Spring Corp.
Bristol
Bristol Spring Mfg. Co.
Plainville
Colonial Spring Corporation, The
Hartford
Connecticut Spring Corp., The
Hartford
Foursome Manufacturing Co.
Bristol
Gemco Mfg. Co., Inc.
Southington
Stanley Humason, Inc.
Forestville
New England Spring Mfg. Co.
Unionville
Peck Spring Co.
Plainville
Templeman Co., D. R.
Plainville
Terryville Mfg. Co.
Terryville
Wire Form, Inc.
Middale

Wire Goods
American Buckle Co., The (overall trimmings)
West Haven
Seovill Mfg. Co. (to order)
Waterbury

Wire Partitions
John P. Smith Co., The
New Haven
Torrington

Wire Products
Artistic Wire Products, Inc.
Taftsville
J. C. Products, Inc.
Higginnum

Wire Reels
Nilson Machine Co., The A. H.
Shelton
Shuster Wire Machine Div. Mettler Machine Tool, Inc.
New Haven
Waterbury Farrel Foundry & Machine Co., The Div. of Textron, Inc.
Waterbury

Wire Rings
American Buckle Co., The (pan handles and tinners' trimmings)
West Haven
Templeman Co., D. R.
Plainville

Wire—Specialties
Andrew B. Hendryx Co., The
New Haven

Wire Springs
Carlson Spring Co. (Torsion, Compression, Extension)
Berlin

Wire Straightening & Cutting Machinery
Shuster Wire Machine Div. Mettler Machine Tool, Inc.
New Haven

Wiring Devices
Harvey Hubbell, Inc.
Bridgeport

Wood Scrapers
Fletcher-Terry Co., The
Forestville

Woodwork
C. H. Dresser & Sons, Inc. (Mfg. all kinds of woodwork)
Hartford
Hartford Builders Finish Co.
Hartford
Peerless Woodworking Corporation
East Glastonbury

Woven Felts—Wool
Chas. W. House & Sons, Inc. (Mills & Cutting Plant)
Unionville

X-ray—Industrial
Bridgeport Testing Laboratory, Inc.
Bridgeport

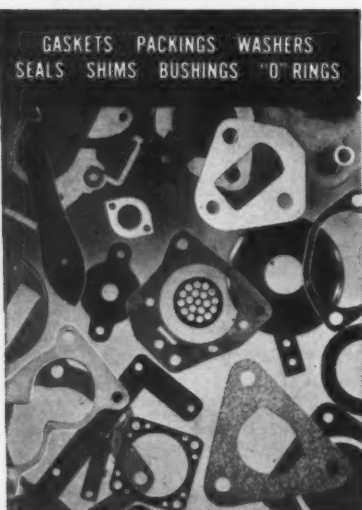
Yarns
Alden Spinning Mills Corp., The (fine-woolen and specialty)
Talcottville
Ensign-Bickford Co., The (jute-carpet)
Simsbury

Zinc
Platt Bros. & Co., The (ribbon, strip and wire) P. O. Box 1030
Waterbury

Zinc Castings
Mosman Co., Charles H.
Westbrook
Newton-New Haven Co., Inc.
West Haven

Zinc Die Castings
Mt. Vernon Die Castings Corp.
Stamford
Pensley Products, Inc.
Stratford
Stewart Die Casting Div. Stewart-Warner Corp.
Bridgeport

We fabricate in more than 200 different materials*



If it's a problem of the right material for the job—at the right price—Auburn is sure to have the perfect solution among the wide range of materials in which we work.

Put our 87 years experience to work for you—Auburn's engineers are tops in their field in designing and fabricating precision sealing devices. Their know-how is at your command. "O" Rings are a speciality with us.

*Leather • Asbestos • Nylon • Vinyl • Teflon
Silicone Rubber • Neoprene • Rubber • Cork
Fibre • Compositions • Phenolics • Cloth • Felt
Paper • Cardboard • Plastics • Brass • Steel
Copper • Aluminum • Kel-F
Other Special Materials



Send us your specifications or blueprints. You'll receive prompt quotations and recommendations without obligations.



AUBURN

MANUFACTURING COMPANY

311 Stack St., Middletown, Conn.

New York, N. Y.; Rochester, N. Y.; Detroit, Mich.; Chicago, Ill.; Minneapolis, Minn.; Pittsburgh, Pa.; Cincinnati, Ohio; Ridgewood, N. J.; Atlanta, Ga.; Memphis, Tenn.; St. Louis, Mo.; Camden N. J.; Washington, D. C.

HAVE YOU HEARD?

"But madam," objected the lawyer, "you can't divorce your husband just because he always drinks tea with his little finger sticking out. Why, the most refined people drink tea with their little finger sticking out."

"Oh, yeah?" retorted the woman. "With the teabag hanging from it?"

After one shuddering bite, the customer beckoned the waitress.

"Miss, what's wrong with these eggs?" he demanded.

"Don't ask me," snapped the girl, "I only laid the table!"

"Look what I got for my wife," Jack exclaimed proudly to his neighbor next door, as he showed him a new car in the garage.

"You lucky dog," he replied. "Where did you make a deal like that?"

A hunter, who was proud of his pointer, was walking down the street when the dog suddenly struck the traditional bird-in-the-grass pose as a man with a shopping bag walked by.

"Pardon me, sir," the hunter said. "And you may think this strange, but do you have a bird in your shopping bag?"

"No," replied the man, "but my name is Partridge!"

An insurance claim agent was teaching his wife to drive when the brakes failed on a steep grade.

"I can't stop," she screamed. "What shall I do?"

"Brace yourself," advised her husband, "and try to hit something cheap."

A small college decided to go co-educational and was forced to lodge men and women in one dormitory with one side of the building for each sex. A white line divided the sections.

The first night, a boy got over the line and was hustled to the dean who told him his first offense would cost him \$5.

"And what's more," said the dean, "your second offense will be \$10 and the third will be \$15. Do you understand that? Any questions?"

"Yes," said the youth. "How much does a season ticket cost?"

"How did you ever manage such perfect shooting?" a sportsman asked his friend as he surveyed the target sheets posted on the barn.

"Really, nothing to it," the marksman answered. "I shot first, then drew the circles afterwards."

Advertising Index

Aacme Steel Rule Die Corp.	20
Advancement Opportunities	53
Allen, Russell & Allen	56
Allied Metal Products	50
American Linen Supply Co., Inc.	23
Anderson-Nichols, Inc.	19
Auburn Manufacturing Co.	72
Ballard Oil Company	
Outside Back Cover	
Barnes Co., Wallace	46
Bavner, Bulger & Goodyear	26
Boston Envelope Co.	30
Burmeister & Wain American Corp.	56
Business Music, Inc.	36
Chase Brass & Copper Co., Inc.	56
Clark Bros. Bolt Co.	21
Cly-Del Mfg. Co.	20
Colonial Blower Co.	40
Commercial Metal Treating, Inc.	52
Connecticut Bank & Trust Co.	32
Connecticut Medical Service, Inc.	22
Connecticut Utilities Company	
Inside Back Cover	
Copeland Company, Inc.	42
Curtis 1000, Inc.	24
Detroit Steel Corp.	28
Dolan Steel Co.	41
Dodge Co., The C. B.	44
Dowd, Wyllie & Olson	36
Eastern Elevator Co.	23
Eastern Steel & Metal Co.	30
Feldman Glass Company	20
Fenn Manufacturing Co.	53
Feroleto Steel Co., Inc.	36
Flagg Industrial Supply Co.	24
Flint Co., A. W.	29
Frasse & Co., Inc., Peter A.	50
Fuller Brush Co.	38
Gibbs Wire & Steel Co.	20
Hartford Special Machinery Co.	49
Hawkrider Bros. Co.	2
Howard Company, The	36
James Motion Picture Service, Inc.	24
Jenkins Bros.	34
Jones Co., T.A.D.	4
Liberty Mutual Insurance Co.	18
Liner Bros., Inc.	55
Merritt Co., Joseph	24
Mills, Inc., H. J.	36
Morrissey & Cheney	43
New Haven Electrotape Div.	52
Nutmeg Crucible Steel Co.	56
Page, Robert W.	36
Print Craft Corp.	20
Plastierete Corp.	37
Recor Welding Company	24
Robertson Paper Box Co., Inc.	45
Rogers Manufacturing Company	56
Rourke Eno Paper Co.	39
Royal Machine & Tool Corp.	20
Rudder Window Cleaning	43
Salmini Co., Inc., J. P.	33
Schine Airport Hotel	35
Smith Co., The John P.	26
Souther Engineering Co.,	
The Henry	24
Southern New England Telephone Co.	
Inside Front Cover	
Storts Welding Company	51
Suburban Propane Gas Corp.	25
Tel-Rad, Inc.	31
Thompson & Son Co., The Henry	44
Travelers Insurance Co.	3
Veeder-Root, Inc.	54
Watson Cheney Photoengraving Co.	47
Wiremold Co.	47
Wittstein, Jack	56
Wyatt, Inc.	27



Fully automatic presses in operation at Plastic Molding Plant, Newtown, Connecticut.

**GOOD LIGHTING
IS AN
ESSENTIAL INGREDIENT
TO
MODERN MANUFACTURING**

Plastic Molding Corporation's new plant in Newtown, completed last December, is termed "New England's most modern custom molding plant." Ultra-modern equipment and facilities for executing the most urgent and difficult custom molding assignments for thermo setting and cold molded parts require up-to-date lighting to assure highest quality control.

Good industrial lighting is a production tool that markedly affects employee accuracy, efficiency, and morale. It has been proved that good lighting—that is, a properly designed and maintained lighting system—results in more and better production through faster, more accurate seeing.

Good lighting can go to work for you, too, on the production line, on the assembly bench, or in the office. A representative from your electric power company will be glad to consult with you. Call him today.

THE CONNECTICUT LIGHT & POWER COMPANY

THE HARTFORD ELECTRIC LIGHT COMPANY

THE HOUSATONIC PUBLIC SERVICE COMPANY

THE UNITED ILLUMINATING COMPANY

Remember when?

**It was Winter 1960-61
a real rough one . . . especially
for conventional fuel users**



The true economy of Ballard Bunker "C" Fuel really hit home last winter.

Its ability to deliver more pure heat per gallon saved countless dollars as we went through one record-breaking cold wave after another.

And as fuel consumption skyrocketed, scores of industries made up their minds to change to Ballard.

As a result, our engineers today are talking to plant managers throughout the area, comparing costs and suggesting new ways to increase their heating efficiency. Naturally, there's no charge or obligation for this service.

Find out about economical, clean-burning Bunker "C"

Ballard is the oldest supplier of Bunker "C" in this area and has always been able to depend on an uninterrupted flow of fuel from its own suppliers. This reliability is automatically passed along to our customers.

For routine or emergency requirements, you can always depend on BALCO! Call JACKSON 9-3341 in Hartford. In Groton, call HI 5-9724.

The BALLARD OIL Co.

HARTFORD,

CONNECTICUT



C

I